

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081265.D
 Acq On : 29 Feb 2024 13:28
 Operator : JC\MD
 Sample : VN0229WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

Quant Time: Feb 29 23:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	235169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	402039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	161710	56.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	8.171	113	136710	53.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	10.565	98	446667	49.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.853	95	170359	50.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63789	20.974	ug/l	98
3) Chloromethane	2.365	50	60161	17.360	ug/l	98
4) Vinyl Chloride	2.518	62	67972	20.121	ug/l	98
5) Bromomethane	2.965	94	44662	18.614	ug/l	99
6) Chloroethane	3.124	64	47708	21.337	ug/l	97
7) Trichlorofluoromethane	3.500	101	108276	21.940	ug/l	99
8) Diethyl Ether	3.959	74	37860	20.983	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	63138	22.949	ug/l	93
10) Methyl Iodide	4.589	142	53233	17.334	ug/l	93
11) Tert butyl alcohol	5.512	59	53705	101.310	ug/l	100
12) 1,1-Dichloroethene	4.341	96	53784	20.224	ug/l	92
13) Acrolein	4.189	56	18930	66.626	ug/l	94
14) Allyl chloride	5.024	41	78704	19.945	ug/l #	87
15) Acrylonitrile	5.724	53	164248	118.637	ug/l	98
16) Acetone	4.424	43	121834	107.418	ug/l	94
17) Carbon Disulfide	4.712	76	127073	17.131	ug/l	96
18) Methyl Acetate	5.024	43	77564	28.033	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	195101	21.419	ug/l	98
20) Methylene Chloride	5.271	84	70816	23.645	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	57948	19.530	ug/l	91
22) Diisopropyl ether	6.671	45	207519	23.183	ug/l	96
23) Vinyl Acetate	6.600	43	799000	110.017	ug/l	96
24) 1,1-Dichloroethane	6.565	63	120689	23.318	ug/l	98
25) 2-Butanone	7.488	43	202984	110.778	ug/l	94
26) 2,2-Dichloropropane	7.488	77	102084	21.050	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	73397	21.291	ug/l	88
28) Bromochloromethane	7.812	49	52777	24.596	ug/l #	68
29) Tetrahydrofuran	7.841	42	139214	113.814	ug/l #	87
30) Chloroform	7.971	83	130876	23.786	ug/l	95
31) Cyclohexane	8.259	56	98229	19.736	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	112712	22.493	ug/l	92
36) 1,1-Dichloropropene	8.371	75	91070	20.971	ug/l	97
37) Ethyl Acetate	7.559	43	88282	22.525	ug/l	99
38) Carbon Tetrachloride	8.365	117	93373	21.252	ug/l	97
39) Methylcyclohexane	9.600	83	98674	19.492	ug/l	92
40) Benzene	8.606	78	270806	21.545	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081265.D
 Acq On : 29 Feb 2024 13:28
 Operator : JC\MD
 Sample : VN0229WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

Quant Time: Feb 29 23:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47592	21.337	ug/l	95
42) 1,2-Dichloroethane	8.671	62	99185	22.617	ug/l	98
43) Isopropyl Acetate	8.688	43	143718	20.967	ug/l #	93
44) Trichloroethene	9.353	130	67471	20.154	ug/l	98
45) 1,2-Dichloropropane	9.623	63	71665	22.793	ug/l	99
46) Dibromomethane	9.712	93	50029	21.838	ug/l	92
47) Bromodichloromethane	9.888	83	97231	22.409	ug/l #	96
48) Methyl methacrylate	9.682	41	68393	21.443	ug/l	87
49) 1,4-Dioxane	9.694	88	27882	453.224	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	457886	116.125	ug/l	96
52) Toluene	10.635	92	169579	21.311	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101885	21.131	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	110413	21.195	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	71325	23.304	ug/l	96
56) Ethyl methacrylate	10.876	69	96949	20.726	ug/l	90
57) 1,3-Dichloropropane	11.165	76	119473	22.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	229313	97.707	ug/l #	89
59) 2-Hexanone	11.194	43	340967	109.073	ug/l	97
60) Dibromochloromethane	11.365	129	71446	21.974	ug/l	96
61) 1,2-Dibromoethane	11.470	107	67984	21.123	ug/l	92
64) Tetrachloroethene	11.106	164	63197	23.032	ug/l	93
65) Chlorobenzene	11.894	112	181049	20.807	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	65743	21.036	ug/l	98
67) Ethyl Benzene	11.965	91	316672	20.338	ug/l	100
68) m/p-Xylenes	12.070	106	240682	40.328	ug/l	96
69) o-Xylene	12.400	106	117282	19.825	ug/l	94
70) Styrene	12.412	104	193884	20.682	ug/l	96
71) Bromoform	12.582	173	42904	21.638	ug/l #	97
73) Isopropylbenzene	12.700	105	309274	19.324	ug/l	100
74) N-amyl acetate	12.494	43	123874	18.313	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94917	21.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	85099m	20.475	ug/l	
77) Bromobenzene	12.982	156	69396	19.446	ug/l	78
78) n-propylbenzene	13.041	91	368742	20.014	ug/l	97
79) 2-Chlorotoluene	13.129	91	224470	19.863	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	260054	20.040	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	30180	18.690	ug/l	91
82) 4-Chlorotoluene	13.223	91	217384	19.673	ug/l	97
83) tert-Butylbenzene	13.441	119	221720	19.760	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	263466	20.375	ug/l	98
85) sec-Butylbenzene	13.617	105	318120	20.394	ug/l	94
86) p-Isopropyltoluene	13.729	119	260592	20.112	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132854	19.703	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	130088	19.634	ug/l	97
89) n-Butylbenzene	14.059	91	226787	20.091	ug/l	98
90) Hexachloroethane	14.335	117	43132	20.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	129343	19.889	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19269	20.593	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	66252	18.261	ug/l	98
94) Hexachlorobutadiene	15.505	225	26056	19.256	ug/l	97
95) Naphthalene	15.647	128	242781	18.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67996	18.892	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
Data File : VN081265.D
Acq On : 29 Feb 2024 13:28
Operator : JC\MD
Sample : VN0229WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2024
Supervised By :Semsettin Yesilyurt 03/01/2024

Quant Time: Feb 29 23:50:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

