

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083043.D
 Acq On : 26 Jul 2024 11:34
 Operator : JC\MD
 Sample : VN0726WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 23:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118315	51.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	8.171	113	93032	52.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.200%			
50) Toluene-d8	10.565	98	325661	49.854	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.853	95	99068	42.221	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38354	17.914	ug/l	95
3) Chloromethane	2.365	50	31663	15.594	ug/l	94
4) Vinyl Chloride	2.518	62	37182	17.436	ug/l	97
5) Bromomethane	2.959	94	28178	18.327	ug/l	82
6) Chloroethane	3.118	64	29984	20.547	ug/l	94
7) Trichlorofluoromethane	3.500	101	62970	20.531	ug/l	93
8) Diethyl Ether	3.965	74	19856	18.916	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	38087	21.941	ug/l	98
10) Methyl Iodide	4.600	142	30442	17.105	ug/l	91
11) Tert butyl alcohol	5.524	59	41584	106.649	ug/l	98
12) 1,1-Dichloroethene	4.347	96	31647	18.746	ug/l	81
13) Acrolein	4.189	56	13242	47.040	ug/l	94
14) Allyl chloride	5.024	41	42810	16.264	ug/l #	87
15) Acrylonitrile	5.718	53	94624	105.597	ug/l	99
16) Acetone	4.436	43	85786	105.105	ug/l	91
17) Carbon Disulfide	4.718	76	77261	15.315	ug/l	97
18) Methyl Acetate	5.036	43	61704	28.571	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	113507	19.491	ug/l	98
20) Methylene Chloride	5.277	84	40977	20.789	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	34676	18.956	ug/l	85
22) Diisopropyl ether	6.671	45	119227	21.650	ug/l #	91
23) Vinyl Acetate	6.612	43	408081	93.313	ug/l	96
24) 1,1-Dichloroethane	6.577	63	74194	22.211	ug/l	98
25) 2-Butanone	7.483	43	128815	104.523	ug/l	95
26) 2,2-Dichloropropane	7.488	77	68117	21.932	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	43048	20.101	ug/l	89
28) Bromochloromethane	7.812	49	33274	23.220	ug/l	85
29) Tetrahydrofuran	7.835	42	78610	101.319	ug/l #	87
30) Chloroform	7.965	83	81250	22.928	ug/l	96
31) Cyclohexane	8.259	56	53432	17.630	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	71659	21.780	ug/l	97
36) 1,1-Dichloropropene	8.377	75	50292	20.625	ug/l	98
37) Ethyl Acetate	7.565	43	50029	20.152	ug/l #	93
38) Carbon Tetrachloride	8.359	117	62128	21.161	ug/l	96
39) Methylcyclohexane	9.606	83	41156	15.625	ug/l	89
40) Benzene	8.606	78	157781	21.036	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083043.D
 Acq On : 26 Jul 2024 11:34
 Operator : JC\MD
 Sample : VN0726WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 23:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27772	20.765	ug/l	92
42) 1,2-Dichloroethane	8.671	62	61102	22.628	ug/l	97
43) Isopropyl Acetate	8.688	43	85417	16.244	ug/l #	90
44) Trichloroethene	9.353	130	37958	19.753	ug/l	93
45) 1,2-Dichloropropane	9.618	63	40677	23.229	ug/l	96
46) Dibromomethane	9.712	93	30806	22.581	ug/l	97
47) Bromodichloromethane	9.888	83	63884	22.664	ug/l	95
48) Methyl methacrylate	9.682	41	37588	19.310	ug/l	90
49) 1,4-Dioxane	9.694	88	15581	362.790	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	274829	111.667	ug/l	96
52) Toluene	10.629	92	99062	21.142	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	60614	20.874	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	62822	20.439	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	41462	24.065	ug/l	97
56) Ethyl methacrylate	10.876	69	52490	19.582	ug/l	92
57) 1,3-Dichloropropane	11.165	76	67128	22.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	124814	90.744	ug/l	98
59) 2-Hexanone	11.194	43	200021	109.312	ug/l	96
60) Dibromochloromethane	11.359	129	48087	21.913	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39283	21.470	ug/l	98
64) Tetrachloroethene	11.106	164	34553	18.248	ug/l	94
65) Chlorobenzene	11.894	112	111403	20.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	42985	22.221	ug/l	98
67) Ethyl Benzene	11.965	91	171824	18.798	ug/l	99
68) m/p-Xylenes	12.076	106	132171	38.301	ug/l	96
69) o-Xylene	12.400	106	62048	18.765	ug/l	95
70) Styrene	12.412	104	107856	19.742	ug/l	97
71) Bromoform	12.576	173	31117	20.454	ug/l #	99
73) Isopropylbenzene	12.694	105	159212	18.118	ug/l	100
74) N-amyl acetate	12.494	43	67049	18.446	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	57831	21.974	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	50792m	24.361	ug/l	
77) Bromobenzene	12.982	156	42867	18.909	ug/l	96
78) n-propylbenzene	13.035	91	185639	18.373	ug/l	98
79) 2-Chlorotoluene	13.123	91	117126	18.194	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	128310	18.063	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19455	18.351	ug/l	94
82) 4-Chlorotoluene	13.223	91	117287	18.406	ug/l	98
83) tert-Butylbenzene	13.441	119	108182	17.179	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	129092	17.831	ug/l	95
85) sec-Butylbenzene	13.617	105	149578	17.577	ug/l	98
86) p-Isopropyltoluene	13.729	119	120971	17.038	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	76234	18.615	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78177	18.458	ug/l	98
89) n-Butylbenzene	14.059	91	101146	16.628	ug/l	97
90) Hexachloroethane	14.335	117	28908	19.242	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	76450	19.226	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11433	18.777	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	35105	16.390	ug/l	96
94) Hexachlorobutadiene	15.506	225	16943	17.844	ug/l	98
95) Naphthalene	15.641	128	104530	14.249	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	36391	16.524	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
Data File : VN083043.D
Acq On : 26 Jul 2024 11:34
Operator : JC\MD
Sample : VN0726WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 23:02:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

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

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

