

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081871.D
 Acq On : 26 Apr 2024 12:10
 Operator : JC\MD
 Sample : VN0426WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 22:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	260466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	473615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	401891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212818	48.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	8.165	113	151782	53.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.460%		
50) Toluene-d8	10.565	98	623563	55.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.360%		
62) 4-Bromofluorobenzene	12.847	95	223518	50.488	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56136	15.353	ug/l	95
3) Chloromethane	2.359	50	56158	14.723	ug/l	94
4) Vinyl Chloride	2.518	62	54843	15.884	ug/l	100
5) Bromomethane	2.959	94	27458	15.117	ug/l	97
6) Chloroethane	3.118	64	29914	17.142	ug/l	99
7) Trichlorofluoromethane	3.500	101	80514	15.074	ug/l	95
8) Diethyl Ether	3.965	74	38664	17.041	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	50879	16.408	ug/l	98
10) Methyl Iodide	4.583	142	44697	16.457	ug/l #	81
11) Tert butyl alcohol	5.524	59	56707	70.959	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	50904	16.136	ug/l	89
13) Acrolein	4.177	56	53366	80.644	ug/l	98
14) Allyl chloride	5.024	41	95496	14.311	ug/l #	89
15) Acrylonitrile	5.712	53	142071	74.036	ug/l	97
16) Acetone	4.424	43	101918	74.566	ug/l	97
17) Carbon Disulfide	4.712	76	138497	14.606	ug/l	96
18) Methyl Acetate	5.024	43	66283	14.886	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	184335	15.485	ug/l	99
20) Methylene Chloride	5.283	84	55495	14.731	ug/l #	86
21) trans-1,2-Dichloroethene	5.783	96	52664	15.311	ug/l	88
22) Diisopropyl ether	6.671	45	199515	15.451	ug/l #	94
23) Vinyl Acetate	6.600	43	793293	75.611	ug/l	95
24) 1,1-Dichloroethane	6.565	63	106685	15.874	ug/l	98
25) 2-Butanone	7.488	43	179748	72.042	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	97062	15.699	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	63378	15.768	ug/l	85
28) Bromochloromethane	7.812	49	51981	16.273	ug/l #	81
29) Tetrahydrofuran	7.841	42	122461	68.444	ug/l	91
30) Chloroform	7.965	83	103378	15.518	ug/l	96
31) Cyclohexane	8.253	56	99053	14.957	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	89546	15.073	ug/l	96
36) 1,1-Dichloropropene	8.377	75	74918	16.149	ug/l	98
37) Ethyl Acetate	7.559	43	78735	15.697	ug/l	98
38) Carbon Tetrachloride	8.359	117	71309	15.727	ug/l	97
39) Methylcyclohexane	9.600	83	96686	17.161	ug/l	93
40) Benzene	8.606	78	235450	16.907	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081871.D
 Acq On : 26 Apr 2024 12:10
 Operator : JC\MD
 Sample : VN0426WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 22:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	44842	14.011	ug/l	90
42) 1,2-Dichloroethane	8.671	62	79693	15.410	ug/l	100
43) Isopropyl Acetate	8.688	43	141371	14.990	ug/l	95
44) Trichloroethene	9.353	130	54851	17.083	ug/l	94
45) 1,2-Dichloropropane	9.624	63	57976	15.907	ug/l	91
46) Dibromomethane	9.712	93	38771	15.391	ug/l	95
47) Bromodichloromethane	9.888	83	82033	15.441	ug/l	95
48) Methyl methacrylate	9.682	41	66058	14.672	ug/l	90
49) 1,4-Dioxane	9.700	88	22895	334.566	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	402118	75.738	ug/l	94
52) Toluene	10.635	92	141594	16.978	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	91226	15.781	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	99046	16.624	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	52609	16.040	ug/l	95
56) Ethyl methacrylate	10.871	69	94773	15.174	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	92608	15.881	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	197865	69.543	ug/l	93
59) 2-Hexanone	11.194	43	307593	77.848	ug/l	95
60) Dibromochloromethane	11.359	129	54351	15.645	ug/l	95
61) 1,2-Dibromoethane	11.471	107	51882	16.541	ug/l	98
64) Tetrachloroethene	11.106	164	49817	17.067	ug/l	97
65) Chlorobenzene	11.894	112	142077	16.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48160	16.885	ug/l	96
67) Ethyl Benzene	11.965	91	265476	16.265	ug/l	97
68) m/p-Xylenes	12.070	106	200988	34.523	ug/l	93
69) o-Xylene	12.400	106	98507	17.331	ug/l	95
70) Styrene	12.412	104	167234	17.008	ug/l	95
71) Bromoform	12.582	173	33681	15.020	ug/l #	99
73) Isopropylbenzene	12.694	105	249818	15.960	ug/l	100
74) N-amyl acetate	12.494	43	126743	14.543	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	69796	14.848	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	64678m	14.169	ug/l	
77) Bromobenzene	12.976	156	52415	16.002	ug/l	75
78) n-propylbenzene	13.035	91	302613	15.916	ug/l	96
79) 2-Chlorotoluene	13.129	91	182890	15.119	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	207770	15.686	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	33582	15.075	ug/l	94
82) 4-Chlorotoluene	13.223	91	184123	15.678	ug/l	94
83) tert-Butylbenzene	13.435	119	178101	16.146	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	205219	15.514	ug/l	97
85) sec-Butylbenzene	13.617	105	255173	16.423	ug/l	97
86) p-Isopropyltoluene	13.729	119	205598	16.480	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	100199	16.394	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	98639	16.389	ug/l	91
89) n-Butylbenzene	14.059	91	190551	16.409	ug/l	98
90) Hexachloroethane	14.329	117	39282	16.006	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	96698	16.504	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15397	13.454	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	54701	16.688	ug/l	98
94) Hexachlorobutadiene	15.500	225	19981	16.538	ug/l	98
95) Naphthalene	15.641	128	193450	15.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	52647	16.729	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081871.D
Acq On : 26 Apr 2024 12:10
Operator : JC\MD
Sample : VN0426WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0426WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 22:57:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

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

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

