

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082706.D
 Acq On : 25 Jun 2024 10:20
 Operator : JC\MD
 Sample : VN0625WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:17:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149639	51.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	8.171	113	106832	53.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	404071	53.230	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.853	95	133665	51.074	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46417	18.382	ug/l	91
3) Chloromethane	2.365	50	53386	17.636	ug/l	96
4) Vinyl Chloride	2.518	62	54415	18.889	ug/l	99
5) Bromomethane	2.959	94	32731	17.650	ug/l	88
6) Chloroethane	3.118	64	38815	18.895	ug/l	92
7) Trichlorofluoromethane	3.495	101	70252	18.692	ug/l	96
8) Diethyl Ether	3.965	74	23248	18.163	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	41208	19.575	ug/l	99
10) Methyl Iodide	4.594	142	35203	17.555	ug/l	94
11) Tert butyl alcohol	5.518	59	43265	91.172	ug/l	100
12) 1,1-Dichloroethene	4.336	96	36429	18.096	ug/l	95
13) Acrolein	4.183	56	28005	57.932	ug/l	98
14) Allyl chloride	5.024	41	68107	17.298	ug/l	97
15) Acrylonitrile	5.724	53	117967	94.176	ug/l	100
16) Acetone	4.430	43	111668	84.683	ug/l	96
17) Carbon Disulfide	4.712	76	105560	16.511	ug/l	98
18) Methyl Acetate	5.024	43	63675	19.743	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	134889	19.575	ug/l	97
20) Methylene Chloride	5.277	84	45013	19.416	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	38841	18.154	ug/l	97
22) Diisopropyl ether	6.677	45	162324	19.659	ug/l	94
23) Vinyl Acetate	6.606	43	629994	96.216	ug/l	98
24) 1,1-Dichloroethane	6.565	63	88211	19.721	ug/l	98
25) 2-Butanone	7.483	43	172261	91.907	ug/l	95
26) 2,2-Dichloropropane	7.494	77	75381	19.427	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	48563	18.838	ug/l	98
28) Bromochloromethane	7.812	49	39831	19.513	ug/l	95
29) Tetrahydrofuran	7.841	42	112976	98.462	ug/l	100
30) Chloroform	7.965	83	86775	19.888	ug/l	98
31) Cyclohexane	8.259	56	72302	17.279	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	79174	20.011	ug/l	96
36) 1,1-Dichloropropene	8.371	75	58000	19.329	ug/l	100
37) Ethyl Acetate	7.565	43	72047	18.849	ug/l	99
38) Carbon Tetrachloride	8.359	117	67238	19.883	ug/l	99
39) Methylcyclohexane	9.606	83	57487	18.204	ug/l	96
40) Benzene	8.606	78	183386	19.779	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082706.D
 Acq On : 25 Jun 2024 10:20
 Operator : JC\MD
 Sample : VN0625WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:17:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37469	19.177	ug/l	98
42) 1,2-Dichloroethane	8.671	62	70881	20.098	ug/l	99
43) Isopropyl Acetate	8.688	43	125052	17.506	ug/l	100
44) Trichloroethene	9.353	130	42963	19.955	ug/l	98
45) 1,2-Dichloropropane	9.624	63	48116	20.161	ug/l	97
46) Dibromomethane	9.712	93	32695	20.210	ug/l	99
47) Bromodichloromethane	9.888	83	70971	20.577	ug/l	97
48) Methyl methacrylate	9.682	41	56767	19.277	ug/l	98
49) 1,4-Dioxane	9.700	88	18291	397.094	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	365274	99.694	ug/l	100
52) Toluene	10.629	92	114742	20.420	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	69004	19.570	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74322	20.384	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	43646	21.460	ug/l	97
56) Ethyl methacrylate	10.876	69	65469	19.436	ug/l	97
57) 1,3-Dichloropropane	11.165	76	76777	20.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	148310	83.231	ug/l	98
59) 2-Hexanone	11.194	43	270698	97.207	ug/l	98
60) Dibromochloromethane	11.359	129	52032	20.958	ug/l	96
61) 1,2-Dibromoethane	11.470	107	43806	20.429	ug/l	97
64) Tetrachloroethene	11.106	164	42504	18.898	ug/l	99
65) Chlorobenzene	11.894	112	123047	19.671	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	44692	20.037	ug/l	99
67) Ethyl Benzene	11.965	91	204294	19.167	ug/l	98
68) m/p-Xylenes	12.070	106	155383	39.186	ug/l	99
69) o-Xylene	12.400	106	72921	19.574	ug/l	97
70) Styrene	12.412	104	126137	19.949	ug/l	99
71) Bromoform	12.582	173	33353	18.913	ug/l #	100
73) Isopropylbenzene	12.700	105	186938	18.898	ug/l	99
74) N-amyl acetate	12.494	43	97283	18.428	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	60791	18.841	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57704m	18.111	ug/l	
77) Bromobenzene	12.982	156	47739	18.750	ug/l	99
78) n-propylbenzene	13.035	91	227979	19.484	ug/l	99
79) 2-Chlorotoluene	13.129	91	139567	19.021	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	157933	19.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23744	17.829	ug/l	96
82) 4-Chlorotoluene	13.223	91	139060	18.971	ug/l	99
83) tert-Butylbenzene	13.441	119	131311	19.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	161431	20.047	ug/l	100
85) sec-Butylbenzene	13.617	105	185241	19.075	ug/l	100
86) p-Isopropyltoluene	13.729	119	153593	19.641	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	89979	19.491	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	87667	18.168	ug/l	99
89) n-Butylbenzene	14.059	91	129634	18.688	ug/l	99
90) Hexachloroethane	14.335	117	31562	18.549	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	83894	18.612	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12667	18.550	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	41814	17.592	ug/l	98
94) Hexachlorobutadiene	15.506	225	19782	16.880	ug/l	98
95) Naphthalene	15.641	128	127976	17.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43906	18.126	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
Data File : VN082706.D
Acq On : 25 Jun 2024 10:20
Operator : JC\MD
Sample : VN0625WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:17:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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

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

