

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082632.D
 Acq On : 19 Jun 2024 11:21
 Operator : JC\MD
 Sample : VN0619WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 02:56:47 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	8.230	168	183931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	279200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153641	52.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.171	113	107196	52.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.571	98	410942	52.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.853	95	134835	50.281	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48753	18.979	ug/l	99
3) Chloromethane	2.359	50	53215	17.281	ug/l	94
4) Vinyl Chloride	2.512	62	52525	17.923	ug/l	98
5) Bromomethane	2.954	94	33294	17.649	ug/l	100
6) Chloroethane	3.118	64	36376	17.407	ug/l	99
7) Trichlorofluoromethane	3.495	101	68787	17.991	ug/l	98
8) Diethyl Ether	3.959	74	23278	17.877	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	40013	18.684	ug/l	98
10) Methyl Iodide	4.595	142	37097	18.185	ug/l	94
11) Tert butyl alcohol	5.536	59	44994	93.205	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35705	17.435	ug/l	90
13) Acrolein	4.177	56	40605	82.571	ug/l	97
14) Allyl chloride	5.024	41	77283	19.296	ug/l	89
15) Acrylonitrile	5.724	53	118727	93.173	ug/l	99
16) Acetone	4.436	43	117727	87.762	ug/l	100
17) Carbon Disulfide	4.712	76	109310	16.807	ug/l	97
18) Methyl Acetate	5.030	43	61382	18.709	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	130118	18.562	ug/l	100
20) Methylene Chloride	5.277	84	43807	18.575	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	38651	17.758	ug/l	97
22) Diisopropyl ether	6.677	45	156965	18.687	ug/l	97
23) Vinyl Acetate	6.606	43	607660	91.229	ug/l	100
24) 1,1-Dichloroethane	6.571	63	84778	18.632	ug/l	99
25) 2-Butanone	7.489	43	177453	93.069	ug/l	98
26) 2,2-Dichloropropane	7.489	77	72212	18.294	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	45912	17.507	ug/l	98
28) Bromochloromethane	7.818	49	41308	19.893	ug/l	99
29) Tetrahydrofuran	7.841	42	116546	99.849	ug/l	100
30) Chloroform	7.971	83	83589	18.833	ug/l	95
31) Cyclohexane	8.259	56	75233	17.674	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	73613	18.289	ug/l	100
36) 1,1-Dichloropropene	8.371	75	57113	18.575	ug/l	100
37) Ethyl Acetate	7.565	43	69652	17.784	ug/l	99
38) Carbon Tetrachloride	8.365	117	64139	18.510	ug/l	93
39) Methylcyclohexane	9.606	83	57091	17.644	ug/l	95
40) Benzene	8.612	78	178137	18.750	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	39464	19.712	ug/l	98
42) 1,2-Dichloroethane	8.677	62	67914	18.793	ug/l	99
43) Isopropyl Acetate	8.694	43	123408	16.860	ug/l	99
44) Trichloroethene	9.353	130	42385	19.213	ug/l	89
45) 1,2-Dichloropropane	9.624	63	46039	18.827	ug/l	93
46) Dibromomethane	9.706	93	30875	18.626	ug/l	96
47) Bromodichloromethane	9.888	83	67811	19.187	ug/l	99
48) Methyl methacrylate	9.682	41	56033	18.570	ug/l	99
49) 1,4-Dioxane	9.700	88	19209	406.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	370262	98.625	ug/l	99
52) Toluene	10.635	92	109081	18.946	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	68371	18.924	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	72483	19.401	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	40880	19.617	ug/l	95
56) Ethyl methacrylate	10.877	69	64337	18.641	ug/l	98
57) 1,3-Dichloropropane	11.165	76	74642	19.375	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	163151	89.358	ug/l	99
59) 2-Hexanone	11.200	43	280255	98.218	ug/l	98
60) Dibromochloromethane	11.365	129	49246	19.359	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42620	19.398	ug/l	99
64) Tetrachloroethene	11.106	164	40131	17.433	ug/l	97
65) Chlorobenzene	11.894	112	117133	18.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	42346	18.548	ug/l	99
67) Ethyl Benzene	11.965	91	196333	17.997	ug/l	100
68) m/p-Xylenes	12.076	106	151126	37.236	ug/l	98
69) o-Xylene	12.400	106	70366	18.454	ug/l	98
70) Styrene	12.412	104	122407	18.914	ug/l	99
71) Bromoform	12.582	173	32400	17.950	ug/l #	100
73) Isopropylbenzene	12.700	105	181393	18.264	ug/l	99
74) N-amyl acetate	12.494	43	96498	18.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	60714	18.741	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	57405m	17.945	ug/l	
77) Bromobenzene	12.982	156	46660	18.252	ug/l	100
78) n-propylbenzene	13.035	91	215018	18.303	ug/l	99
79) 2-Chlorotoluene	13.129	91	133535	18.126	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	150795	18.710	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	22660	16.947	ug/l	89
82) 4-Chlorotoluene	13.223	91	133881	18.192	ug/l	99
83) tert-Butylbenzene	13.441	119	125358	18.260	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	152648	18.880	ug/l	99
85) sec-Butylbenzene	13.618	105	176874	18.140	ug/l	98
86) p-Isopropyltoluene	13.729	119	146428	18.649	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	83493	18.013	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83206	17.174	ug/l	99
89) n-Butylbenzene	14.059	91	120579	17.313	ug/l	99
90) Hexachloroethane	14.335	117	31816	18.624	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80025	17.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12946	18.882	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	39365	16.495	ug/l	99
94) Hexachlorobutadiene	15.506	225	17704	15.046	ug/l	97
95) Naphthalene	15.641	128	126206	17.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	42401	17.434	ug/l	96

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

