

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082633.D
 Acq On : 19 Jun 2024 11:55
 Operator : JC\MD
 Sample : VN0619WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 02:57:41 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	170839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	266840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149579	54.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	8.171	113	101623	51.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	386965	51.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.853	95	131988	51.275	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	45376	19.018	ug/l	100
3) Chloromethane	2.359	50	50057	17.501	ug/l	99
4) Vinyl Chloride	2.512	62	48924	17.974	ug/l	95
5) Bromomethane	2.953	94	32328	18.450	ug/l	94
6) Chloroethane	3.118	64	34744	17.900	ug/l	91
7) Trichlorofluoromethane	3.495	101	64429	18.143	ug/l	100
8) Diethyl Ether	3.959	74	22347	18.478	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	37211	18.707	ug/l	99
10) Methyl Iodide	4.589	142	35746	18.866	ug/l	97
11) Tert butyl alcohol	5.530	59	46408	103.501	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33729	17.732	ug/l	97
13) Acrolein	4.183	56	38833	85.019	ug/l	98
14) Allyl chloride	5.030	41	73230	19.685	ug/l	89
15) Acrylonitrile	5.724	53	118672	100.267	ug/l	99
16) Acetone	4.430	43	112271	90.108	ug/l	100
17) Carbon Disulfide	4.712	76	103112	17.069	ug/l	100
18) Methyl Acetate	5.030	43	62324	20.452	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	127909	19.645	ug/l	100
20) Methylene Chloride	5.283	84	41954	19.153	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	37770	18.684	ug/l	98
22) Diisopropyl ether	6.677	45	152137	19.500	ug/l	96
23) Vinyl Acetate	6.606	43	608141	98.298	ug/l	100
24) 1,1-Dichloroethane	6.571	63	80089	18.950	ug/l	98
25) 2-Butanone	7.488	43	174362	98.456	ug/l	98
26) 2,2-Dichloropropane	7.494	77	65438	17.849	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	43760	17.965	ug/l	99
28) Bromochloromethane	7.812	49	40259	20.873	ug/l	98
29) Tetrahydrofuran	7.847	42	116934	107.858	ug/l	99
30) Chloroform	7.965	83	80653	19.564	ug/l	98
31) Cyclohexane	8.265	56	69107	17.479	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	69272	18.530	ug/l	99
36) 1,1-Dichloropropene	8.371	75	53687	18.190	ug/l	99
37) Ethyl Acetate	7.559	43	69203	18.407	ug/l	99
38) Carbon Tetrachloride	8.365	117	60846	18.293	ug/l	98
39) Methylcyclohexane	9.606	83	53963	17.374	ug/l	94
40) Benzene	8.612	78	169216	18.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37011	19.259	ug/l	97
42) 1,2-Dichloroethane	8.671	62	67379	19.424	ug/l	98
43) Isopropyl Acetate	8.694	43	122900	17.492	ug/l	99
44) Trichloroethene	9.359	130	38458	18.161	ug/l	90
45) 1,2-Dichloropropane	9.624	63	44185	18.823	ug/l	93
46) Dibromomethane	9.712	93	31139	19.569	ug/l	100
47) Bromodichloromethane	9.888	83	63933	18.846	ug/l	95
48) Methyl methacrylate	9.682	41	54286	18.742	ug/l	97
49) 1,4-Dioxane	9.700	88	19456	429.444	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	366994	101.837	ug/l	100
52) Toluene	10.635	92	102577	18.560	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65810	18.976	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	69066	19.259	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42202	21.097	ug/l	92
56) Ethyl methacrylate	10.876	69	64088	19.344	ug/l	98
57) 1,3-Dichloropropane	11.165	76	71589	19.359	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	161793	92.315	ug/l	99
59) 2-Hexanone	11.200	43	278560	101.701	ug/l	99
60) Dibromochloromethane	11.365	129	48588	19.898	ug/l	98
61) 1,2-Dibromoethane	11.470	107	41591	19.720	ug/l	100
64) Tetrachloroethene	11.106	164	38684	17.582	ug/l	96
65) Chlorobenzene	11.894	112	112674	18.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40948	18.767	ug/l	98
67) Ethyl Benzene	11.965	91	185701	17.811	ug/l	98
68) m/p-Xylenes	12.070	106	144118	37.154	ug/l	98
69) o-Xylene	12.400	106	66846	18.343	ug/l	98
70) Styrene	12.417	104	115917	18.741	ug/l	99
71) Bromoform	12.582	173	33335	19.324	ug/l #	99
73) Isopropylbenzene	12.700	105	170957	17.720	ug/l	99
74) N-amyl acetate	12.494	43	95131	18.476	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59207	18.814	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	50195m	16.153	ug/l	
77) Bromobenzene	12.982	156	44806	18.042	ug/l	98
78) n-propylbenzene	13.041	91	206973	18.136	ug/l	99
79) 2-Chlorotoluene	13.129	91	126566	17.685	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	143716	18.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22410	17.253	ug/l	98
82) 4-Chlorotoluene	13.223	91	130223	18.215	ug/l	100
83) tert-Butylbenzene	13.441	119	119291	17.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	145644	18.543	ug/l	99
85) sec-Butylbenzene	13.617	105	168389	17.778	ug/l	100
86) p-Isopropyltoluene	13.735	119	139762	18.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81381	18.074	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	82702	17.572	ug/l	99
89) n-Butylbenzene	14.059	91	118827	17.563	ug/l	98
90) Hexachloroethane	14.335	117	30959	18.655	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	79334	18.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13141	19.730	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40692	17.552	ug/l	99
94) Hexachlorobutadiene	15.506	225	18157	15.885	ug/l	98
95) Naphthalene	15.641	128	130104	18.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	41554	17.588	ug/l	100

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

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