

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077943.D
 Acq On : 26 May 2023 23:40
 Operator : JC\MD
 Sample : VN0526WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD02

Quant Time: May 29 01:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	349232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	633500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	548805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	211079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265341	50.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	8.177	113	222627	53.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	10.577	98	830445	52.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.859	95	267562	47.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69670	17.529	ug/l	100
3) Chloromethane	2.371	50	76235	16.905	ug/l	94
4) Vinyl Chloride	2.518	62	97887	19.535	ug/l	99
5) Bromomethane	2.965	94	76098	20.533	ug/l	92
6) Chloroethane	3.130	64	74028	20.499	ug/l	98
7) Trichlorofluoromethane	3.506	101	143786	20.590	ug/l	100
8) Diethyl Ether	3.965	74	51764	20.304	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	78861	20.406	ug/l	99
10) Methyl Iodide	4.600	142	101546	22.032	ug/l	99
11) Tert butyl alcohol	5.530	59	68020	94.321	ug/l #	91
12) 1,1-Dichloroethene	4.353	96	74715	20.341	ug/l	90
13) Acrolein	4.195	56	42226	73.878	ug/l	100
14) Allyl chloride	5.042	41	108825	20.168	ug/l	93
15) Acrylonitrile	5.736	53	186176	96.632	ug/l	100
16) Acetone	4.436	43	152663	92.862	ug/l	93
17) Carbon Disulfide	4.724	76	174194	17.601	ug/l	97
18) Methyl Acetate	5.042	43	135036	19.580	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	266177	20.020	ug/l	99
20) Methylene Chloride	5.283	84	103922	23.229	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	86303	20.917	ug/l	86
22) Diisopropyl ether	6.683	45	249967	19.764	ug/l	95
23) Vinyl Acetate	6.612	43	721780	92.106	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	157964	20.386	ug/l	98
25) 2-Butanone	7.494	43	233420	90.765	ug/l	88
26) 2,2-Dichloropropane	7.500	77	104807	15.921	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	100750	20.365	ug/l	92
28) Bromochloromethane	7.818	49	56466	16.850	ug/l	89
29) Tetrahydrofuran	7.847	42	157883	93.759	ug/l	85
30) Chloroform	7.977	83	173781	20.388	ug/l	98
31) Cyclohexane	8.265	56	129853	18.284	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	151466	20.901	ug/l	99
36) 1,1-Dichloropropene	8.383	75	125876	20.833	ug/l	96
37) Ethyl Acetate	7.571	43	101019	18.758	ug/l #	91
38) Carbon Tetrachloride	8.365	117	130524	21.393	ug/l	94
39) Methylcyclohexane	9.606	83	135174	18.274	ug/l #	87
40) Benzene	8.612	78	370053	20.754	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55299	19.281	ug/l	92
42) 1,2-Dichloroethane	8.683	62	130941	20.216	ug/l	98
43) Isopropyl Acetate	8.700	43	171575	19.505	ug/l	95
44) Trichloroethene	9.359	130	98562	21.831	ug/l	92
45) 1,2-Dichloropropane	9.630	63	95640	21.029	ug/l	97
46) Dibromomethane	9.718	93	67977	20.888	ug/l	96
47) Bromodichloromethane	9.894	83	131954	21.178	ug/l #	96
48) Methyl methacrylate	9.688	41	77162	18.501	ug/l	91
49) 1,4-Dioxane	9.700	88	32561	413.357	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	515057	98.504	ug/l	93
52) Toluene	10.641	92	239623	21.587	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	126677	19.199	ug/l	93
54) cis-1,3-Dichloropropene	10.324	75	142366	19.580	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	92878	21.073	ug/l	99
56) Ethyl methacrylate	10.882	69	131684	19.760	ug/l	90
57) 1,3-Dichloropropane	11.171	76	160335	21.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	245563	74.902	ug/l	91
59) 2-Hexanone	11.200	43	355584	91.941	ug/l	93
60) Dibromochloromethane	11.365	129	95617	21.015	ug/l	98
61) 1,2-Dibromoethane	11.476	107	92720	21.087	ug/l	99
64) Tetrachloroethene	11.112	164	90699	23.632	ug/l	92
65) Chlorobenzene	11.900	112	250769	21.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.971	131	94303	22.908	ug/l	97
67) Ethyl Benzene	11.971	91	443140	20.784	ug/l	99
68) m/p-Xylenes	12.076	106	347867	43.060	ug/l	99
69) o-Xylene	12.406	106	167187	21.043	ug/l	96
70) Styrene	12.418	104	266425	21.110	ug/l	99
71) Bromoform	12.588	173	57032	20.826	ug/l #	99
73) Isopropylbenzene	12.700	105	430159	23.642	ug/l	100
74) N-amyl acetate	12.500	43	128119	19.050	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	126299	22.564	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	109637m	20.740	ug/l	
77) Bromobenzene	12.988	156	92891	22.371	ug/l	99
78) n-propylbenzene	13.041	91	486131	22.663	ug/l	98
79) 2-Chlorotoluene	13.129	91	295469	23.083	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	357303	23.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	29040	17.560	ug/l	90
82) 4-Chlorotoluene	13.229	91	275892	21.663	ug/l	99
83) tert-Butylbenzene	13.447	119	303881	22.763	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	358755	23.854	ug/l	100
85) sec-Butylbenzene	13.623	105	408370	21.524	ug/l	99
86) p-Isopropyltoluene	13.735	119	331450	21.913	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	160533	20.906	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	154878	20.325	ug/l	98
89) n-Butylbenzene	14.065	91	256982	18.472	ug/l	97
90) Hexachloroethane	14.335	117	54312	21.858	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	162909	22.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21702	20.026	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	58018	13.840	ug/l	97
94) Hexachlorobutadiene	15.512	225	27250	15.656	ug/l	98
95) Naphthalene	15.647	128	180915	12.538	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	63247	15.409	ug/l	95

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

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