

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082933.D
 Acq On : 16 Jul 2024 14:01
 Operator : JC\MD
 Sample : VN0716WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 00:54:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	90560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	158250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	147215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73398	57.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.640%			
35) Dibromofluoromethane	8.171	113	54114	53.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	10.570	98	201924	53.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.680%			
62) 4-Bromofluorobenzene	12.853	95	67063	49.778	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23083	19.688	ug/l	96
3) Chloromethane	2.359	50	21189	19.057	ug/l	95
4) Vinyl Chloride	2.512	62	25320	21.683	ug/l	98
5) Bromomethane	2.947	94	18698	22.208	ug/l	96
6) Chloroethane	3.106	64	18232	22.815	ug/l	94
7) Trichlorofluoromethane	3.489	101	32504	19.353	ug/l	98
8) Diethyl Ether	3.965	74	11393	19.820	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.359	101	19702	20.726	ug/l	100
10) Methyl Iodide	4.577	142	14830	15.217	ug/l	98
11) Tert butyl alcohol	5.535	59	23580	110.436	ug/l	98
12) 1,1-Dichloroethene	4.336	96	17259	18.669	ug/l	85
13) Acrolein	4.183	56	17671	114.632	ug/l	100
14) Allyl chloride	5.018	41	25180	17.469	ug/l #	96
15) Acrylonitrile	5.724	53	56907	115.972	ug/l	98
16) Acetone	4.436	43	51800	115.898	ug/l	98
17) Carbon Disulfide	4.712	76	46175	16.715	ug/l	98
18) Methyl Acetate	5.036	43	31023	26.232	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	63151	19.803	ug/l	97
20) Methylene Chloride	5.283	84	22209	20.576	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	19363	19.330	ug/l	86
22) Diisopropyl ether	6.677	45	62201	20.626	ug/l	94
23) Vinyl Acetate	6.606	43	246368	102.877	ug/l	96
24) 1,1-Dichloroethane	6.571	63	37341	20.414	ug/l	96
25) 2-Butanone	7.488	43	81230	120.365	ug/l	94
26) 2,2-Dichloropropane	7.488	77	31036	18.249	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	23785	20.282	ug/l	86
28) Bromochloromethane	7.824	49	17929	22.848	ug/l	87
29) Tetrahydrofuran	7.841	42	51724	121.742	ug/l #	85
30) Chloroform	7.971	83	41892	21.588	ug/l	100
31) Cyclohexane	8.259	56	30060	18.112	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	35662	19.794	ug/l	96
36) 1,1-Dichloropropene	8.371	75	25745	18.389	ug/l	99
37) Ethyl Acetate	7.565	43	32542	22.830	ug/l	98
38) Carbon Tetrachloride	8.365	117	30726	18.228	ug/l	98
39) Methylcyclohexane	9.606	83	23607	15.610	ug/l	99
40) Benzene	8.606	78	84242	19.561	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16653	21.686	ug/l	92
42) 1,2-Dichloroethane	8.671	62	31060	20.034	ug/l	97
43) Isopropyl Acetate	8.694	43	54614	18.448	ug/l #	95
44) Trichloroethene	9.359	130	19776	17.924	ug/l	96
45) 1,2-Dichloropropane	9.623	63	20791	20.679	ug/l	92
46) Dibromomethane	9.712	93	16870	21.538	ug/l	96
47) Bromodichloromethane	9.888	83	33878	20.933	ug/l	95
48) Methyl methacrylate	9.682	41	23774	21.271	ug/l	92
49) 1,4-Dioxane	9.706	88	10828	439.783	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	170696	120.797	ug/l	95
52) Toluene	10.635	92	54081	20.103	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	33319	19.984	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	33395	18.923	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	22819	23.067	ug/l	99
56) Ethyl methacrylate	10.882	69	32218	20.934	ug/l	88
57) 1,3-Dichloropropane	11.165	76	37033	21.149	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	93906	118.909	ug/l	96
59) 2-Hexanone	11.200	43	129191	122.968	ug/l	96
60) Dibromochloromethane	11.365	129	25813	20.487	ug/l	100
61) 1,2-Dibromoethane	11.470	107	22026	20.967	ug/l	96
64) Tetrachloroethene	11.106	164	19580	17.827	ug/l	91
65) Chlorobenzene	11.894	112	58158	18.436	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	22352	19.920	ug/l	99
67) Ethyl Benzene	11.964	91	92956	17.533	ug/l	96
68) m/p-Xylenes	12.076	106	71989	35.964	ug/l	100
69) o-Xylene	12.400	106	34402	17.937	ug/l	96
70) Styrene	12.412	104	59014	18.622	ug/l	99
71) Bromoform	12.582	173	17491	19.821	ug/l #	98
73) Isopropylbenzene	12.700	105	83030	16.791	ug/l	98
74) N-amyl acetate	12.494	43	41123	20.105	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	33226	22.435	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	27064m	23.067	ug/l	
77) Bromobenzene	12.982	156	21942	17.200	ug/l	92
78) n-propylbenzene	13.041	91	102631	18.051	ug/l	99
79) 2-Chlorotoluene	13.129	91	63884	17.635	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	69911	17.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11981	20.084	ug/l	94
82) 4-Chlorotoluene	13.223	91	65217	18.188	ug/l	98
83) tert-Butylbenzene	13.441	119	56780	16.023	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	72121	17.703	ug/l	99
85) sec-Butylbenzene	13.617	105	81974	17.118	ug/l	99
86) p-Isopropyltoluene	13.735	119	65351	16.357	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	42191	18.308	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	42108	17.668	ug/l	100
89) n-Butylbenzene	14.058	91	55249	16.141	ug/l	100
90) Hexachloroethane	14.335	117	14577	17.243	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	41162	18.396	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7437	21.706	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	18726	15.537	ug/l	99
94) Hexachlorobutadiene	15.505	225	8248	15.437	ug/l	98
95) Naphthalene	15.647	128	68859	16.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	20480	16.526	ug/l	98

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

