

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN082996.D
 Acq On : 22 Jul 2024 10:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 03:46:07 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	97575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	159571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	154138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70746	51.722	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.440%			
35) Dibromofluoromethane	8.165	113	54713	53.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.571	98	203973	53.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.860%			
62) 4-Bromofluorobenzene	12.853	95	70631	51.993	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59083	46.770	ug/l	96
3) Chloromethane	2.359	50	47994	40.061	ug/l	99
4) Vinyl Chloride	2.512	62	57769	45.914	ug/l	99
5) Bromomethane	2.942	94	37475	41.310	ug/l	91
6) Chloroethane	3.112	64	47633	55.322	ug/l	95
7) Trichlorofluoromethane	3.489	101	91842	50.751	ug/l	94
8) Diethyl Ether	3.959	74	29819	48.147	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	54761	53.466	ug/l	100
10) Methyl Iodide	4.595	142	39302	37.428	ug/l	97
11) Tert butyl alcohol	5.536	59	48948	212.765	ug/l	100
12) 1,1-Dichloroethene	4.342	96	48673	48.865	ug/l	84
13) Acrolein	4.177	56	28356	170.722	ug/l	93
14) Allyl chloride	5.018	41	69661	44.853	ug/l #	95
15) Acrylonitrile	5.718	53	136819	258.780	ug/l	98
16) Acetone	4.430	43	124569	258.674	ug/l	93
17) Carbon Disulfide	4.706	76	123923	41.634	ug/l	99
18) Methyl Acetate	5.030	43	78807	61.845	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	176843	51.468	ug/l	96
20) Methylene Chloride	5.271	84	57677	49.593	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	53499	49.569	ug/l	85
22) Diisopropyl ether	6.671	45	177044	54.489	ug/l #	92
23) Vinyl Acetate	6.606	43	652736	252.969	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	108191	54.895	ug/l	99
25) 2-Butanone	7.483	43	188452	259.168	ug/l	93
26) 2,2-Dichloropropane	7.494	77	99606	54.356	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	64974	51.421	ug/l	91
28) Bromochloromethane	7.818	49	47042	55.638	ug/l	85
29) Tetrahydrofuran	7.841	42	118621	259.125	ug/l #	84
30) Chloroform	7.971	83	117465	56.180	ug/l	100
31) Cyclohexane	8.259	56	78768	44.048	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	103698	53.418	ug/l	98
36) 1,1-Dichloropropene	8.371	75	76679	54.316	ug/l	98
37) Ethyl Acetate	7.565	43	73835	51.372	ug/l	96
38) Carbon Tetrachloride	8.359	117	91553	53.862	ug/l	99
39) Methylcyclohexane	9.600	83	75381	49.433	ug/l	92
40) Benzene	8.606	78	239280	55.102	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	40116	51.808	ug/l	90
42) 1,2-Dichloroethane	8.671	62	87482	55.960	ug/l	97
43) Isopropyl Acetate	8.688	43	132239	48.719	ug/l #	93
44) Trichloroethene	9.353	130	55279	49.687	ug/l	100
45) 1,2-Dichloropropane	9.618	63	59623	58.810	ug/l	98
46) Dibromomethane	9.712	93	45128	57.138	ug/l	99
47) Bromodichloromethane	9.888	83	93943	57.565	ug/l	99
48) Methyl methacrylate	9.682	41	60102	53.330	ug/l #	86
49) 1,4-Dioxane	9.694	88	24222	987.785	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	408045	286.372	ug/l	94
52) Toluene	10.629	92	153238	56.490	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	94118	55.983	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	98546	55.378	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	60735	60.887	ug/l	96
56) Ethyl methacrylate	10.877	69	90123	58.073	ug/l	88
57) 1,3-Dichloropropane	11.165	76	101273	57.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	249117	312.835	ug/l	96
59) 2-Hexanone	11.194	43	307912	290.655	ug/l	93
60) Dibromochloromethane	11.359	129	74433	58.587	ug/l	99
61) 1,2-Dibromoethane	11.471	107	60458	57.074	ug/l	100
64) Tetrachloroethene	11.106	164	53743	46.734	ug/l	98
65) Chlorobenzene	11.894	112	170416	51.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	64552	54.945	ug/l	100
67) Ethyl Benzene	11.965	91	291813	52.567	ug/l	99
68) m/p-Xylenes	12.071	106	232299	110.840	ug/l	95
69) o-Xylene	12.400	106	108792	54.175	ug/l	94
70) Styrene	12.412	104	191850	57.820	ug/l	98
71) Bromoform	12.576	173	50340	54.484	ug/l #	98
73) Isopropylbenzene	12.700	105	275142	48.602	ug/l	98
74) N-amyl acetate	12.494	43	115460	49.307	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	86631	51.096	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79376m	59.096	ug/l	
77) Bromobenzene	12.982	156	71702	49.095	ug/l	93
78) n-propylbenzene	13.035	91	332637	51.104	ug/l	99
79) 2-Chlorotoluene	13.129	91	199124	48.013	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	236033	51.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	37056	54.258	ug/l	85
82) 4-Chlorotoluene	13.223	91	205649	50.097	ug/l	98
83) tert-Butylbenzene	13.441	119	195826	48.270	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	236616	50.732	ug/l	98
85) sec-Butylbenzene	13.618	105	275781	50.305	ug/l	99
86) p-Isopropyltoluene	13.729	119	232149	50.755	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	131680	49.911	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	130866	47.963	ug/l	99
89) n-Butylbenzene	14.059	91	196336	50.104	ug/l	99
90) Hexachloroethane	14.335	117	45996	47.525	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	126825	49.510	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17672	45.054	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	62006	44.938	ug/l	98
94) Hexachlorobutadiene	15.500	225	27307	44.642	ug/l	97
95) Naphthalene	15.641	128	212341	44.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	63951	45.076	ug/l	98

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

