

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083409.D
 Acq On : 21 Aug 2024 14:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 01:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127711	58.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.400%			
35) Dibromofluoromethane	8.165	113	93492	57.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.100%			
50) Toluene-d8	10.565	98	338747	55.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.820%			
62) 4-Bromofluorobenzene	12.847	95	132502	55.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	80026	46.167	ug/l	100
3) Chloromethane	2.359	50	82078	46.250	ug/l	100
4) Vinyl Chloride	2.518	62	87629	48.391	ug/l	100
5) Bromomethane	2.900	94	41487	36.922	ug/l	94
6) Chloroethane	3.071	64	58243	51.409	ug/l	97
7) Trichlorofluoromethane	3.471	101	156195	52.213	ug/l	96
8) Diethyl Ether	3.953	74	54596	49.046	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.353	101	87371	52.974	ug/l	99
10) Methyl Iodide	4.577	142	104592	48.209	ug/l	98
11) Tert butyl alcohol	5.536	59	86755	191.868	ug/l	98
12) 1,1-Dichloroethene	4.324	96	79462	46.895	ug/l	96
13) Acrolein	4.171	56	73823	250.508	ug/l	100
14) Allyl chloride	5.006	41	149727	46.759	ug/l	90
15) Acrylonitrile	5.718	53	219385	235.915	ug/l	99
16) Acetone	4.424	43	190281	223.501	ug/l	91
17) Carbon Disulfide	4.700	76	187524	37.823	ug/l	100
18) Methyl Acetate	5.024	43	144474	56.956	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	310042	50.693	ug/l	97
20) Methylene Chloride	5.265	84	95204	48.589	ug/l #	85
21) trans-1,2-Dichloroethene	5.777	96	82843	47.304	ug/l	89
22) Diisopropyl ether	6.671	45	320533	53.253	ug/l	95
23) Vinyl Acetate	6.594	43	1556722	252.329	ug/l	96
24) 1,1-Dichloroethane	6.559	63	176471	53.789	ug/l	98
25) 2-Butanone	7.483	43	292717	223.920	ug/l	92
26) 2,2-Dichloropropane	7.488	77	157439	51.674	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105535	49.939	ug/l	94
28) Bromochloromethane	7.806	49	73301	54.671	ug/l	89
29) Tetrahydrofuran	7.835	42	193516	229.001	ug/l	89
30) Chloroform	7.965	83	188380	55.268	ug/l	94
31) Cyclohexane	8.253	56	142955	44.336	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	171057	53.020	ug/l	97
36) 1,1-Dichloropropene	8.371	75	122351	49.355	ug/l	99
37) Ethyl Acetate	7.559	43	127091	45.788	ug/l	96
38) Carbon Tetrachloride	8.353	117	144986	51.927	ug/l	99
39) Methylcyclohexane	9.600	83	145194	47.685	ug/l	96
40) Benzene	8.600	78	383054	51.869	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72651	46.034	ug/l	95
42) 1,2-Dichloroethane	8.671	62	145645	54.139	ug/l	98
43) Isopropyl Acetate	8.688	43	241375	50.151	ug/l	96
44) Trichloroethene	9.353	130	87530	49.796	ug/l	95
45) 1,2-Dichloropropane	9.618	63	95245	54.333	ug/l	100
46) Dibromomethane	9.706	93	66827	53.260	ug/l	99
47) Bromodichloromethane	9.888	83	150901	53.562	ug/l	96
48) Methyl methacrylate	9.677	41	109306	47.633	ug/l	91
49) 1,4-Dioxane	9.694	88	36453	880.515	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	638735	243.351	ug/l	95
52) Toluene	10.629	92	239257	51.275	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	149688	51.724	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	155430	50.494	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	90880	54.348	ug/l	97
56) Ethyl methacrylate	10.871	69	156037	49.498	ug/l	87
57) 1,3-Dichloropropane	11.159	76	156834	52.619	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	323331	242.646	ug/l	97
59) 2-Hexanone	11.194	43	463793	228.401	ug/l	92
60) Dibromochloromethane	11.359	129	107476	53.160	ug/l	99
61) 1,2-Dibromoethane	11.470	107	90051	51.263	ug/l	97
64) Tetrachloroethene	11.100	164	74767	49.443	ug/l	97
65) Chlorobenzene	11.894	112	256664	50.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	93762	52.688	ug/l	99
67) Ethyl Benzene	11.965	91	471128	50.898	ug/l	98
68) m/p-Xylenes	12.070	106	352192	101.573	ug/l	98
69) o-Xylene	12.400	106	171417	50.125	ug/l	98
70) Styrene	12.412	104	294247	51.230	ug/l	97
71) Bromoform	12.576	173	68975	51.163	ug/l #	100
73) Isopropylbenzene	12.694	105	455772	45.511	ug/l	100
74) N-amyl acetate	12.494	43	196918	40.200	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	134818	47.598	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	115875m	44.097	ug/l	
77) Bromobenzene	12.982	156	103038	46.317	ug/l	96
78) n-propylbenzene	13.035	91	524087	45.449	ug/l	100
79) 2-Chlorotoluene	13.123	91	338391	46.286	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	385987	46.038	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	46966	38.878	ug/l	95
82) 4-Chlorotoluene	13.223	91	334675	45.638	ug/l	97
83) tert-Butylbenzene	13.435	119	343240	46.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	395023	46.752	ug/l	99
85) sec-Butylbenzene	13.617	105	467004	46.095	ug/l	99
86) p-Isopropyltoluene	13.729	119	392767	46.952	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197755	47.243	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	201834	47.827	ug/l	98
89) n-Butylbenzene	14.053	91	339074	46.779	ug/l	99
90) Hexachloroethane	14.335	117	76705	47.462	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	199530	49.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28200	41.029	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	102695	45.253	ug/l	99
94) Hexachlorobutadiene	15.500	225	43793	43.392	ug/l	99
95) Naphthalene	15.641	128	347550	43.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103237	45.976	ug/l	96

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

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