

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083422.D
 Acq On : 21 Aug 2024 20:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 01:51:11 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	146131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126207	60.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.360%			
35) Dibromofluoromethane	8.165	113	92755	57.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.520%			
50) Toluene-d8	10.565	98	338094	56.437	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.880%			
62) 4-Bromofluorobenzene	12.847	95	137116	58.710	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97552	58.868	ug/l	99
3) Chloromethane	2.359	50	99203	58.472	ug/l	97
4) Vinyl Chloride	2.512	62	103727	59.917	ug/l	100
5) Bromomethane	2.900	94	48099	44.777	ug/l	94
6) Chloroethane	3.065	64	69358	64.038	ug/l	89
7) Trichlorofluoromethane	3.459	101	174768	61.111	ug/l	95
8) Diethyl Ether	3.953	74	60521	56.871	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.347	101	94488	59.927	ug/l	99
10) Methyl Iodide	4.577	142	120291	57.997	ug/l	96
11) Tert butyl alcohol	5.547	59	99149	229.371	ug/l	96
12) 1,1-Dichloroethene	4.324	96	89297	55.125	ug/l	94
13) Acrolein	4.177	56	80153	284.507	ug/l	99
14) Allyl chloride	5.006	41	164046	53.589	ug/l	89
15) Acrylonitrile	5.718	53	241201	271.313	ug/l	97
16) Acetone	4.430	43	190387	233.919	ug/l	99
17) Carbon Disulfide	4.694	76	234193	49.410	ug/l	99
18) Methyl Acetate	5.024	43	143924	59.351	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	331869	56.759	ug/l	98
20) Methylene Chloride	5.265	84	101799	54.346	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	94364	56.362	ug/l	88
22) Diisopropyl ether	6.671	45	346177	60.161	ug/l	96
23) Vinyl Acetate	6.600	43	1751940	297.043	ug/l	97
24) 1,1-Dichloroethane	6.559	63	189180	60.317	ug/l	98
25) 2-Butanone	7.482	43	313869	251.151	ug/l	92
26) 2,2-Dichloropropane	7.482	77	151499	52.013	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	113884	56.370	ug/l	95
28) Bromochloromethane	7.812	49	65798	51.334	ug/l	90
29) Tetrahydrofuran	7.841	42	213108	263.793	ug/l	90
30) Chloroform	7.965	83	199518	61.230	ug/l	99
31) Cyclohexane	8.253	56	162402	52.686	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	183522	59.501	ug/l	97
36) 1,1-Dichloropropene	8.371	75	136275	56.095	ug/l	99
37) Ethyl Acetate	7.559	43	132577	48.740	ug/l #	94
38) Carbon Tetrachloride	8.359	117	157531	57.572	ug/l	98
39) Methylcyclohexane	9.600	83	159292	53.384	ug/l	94
40) Benzene	8.606	78	422129	58.328	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78889	51.008	ug/l	96
42) 1,2-Dichloroethane	8.671	62	157348	59.684	ug/l	99
43) Isopropyl Acetate	8.688	43	297864	64.243	ug/l	99
44) Trichloroethene	9.353	130	95085	55.198	ug/l	95
45) 1,2-Dichloropropane	9.618	63	100493	58.498	ug/l	99
46) Dibromomethane	9.706	93	73195	59.526	ug/l	98
47) Bromodichloromethane	9.888	83	160650	58.187	ug/l	99
48) Methyl methacrylate	9.682	41	117483	52.242	ug/l	93
49) 1,4-Dioxane	9.694	88	41205	1015.626	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	683646	265.781	ug/l	95
52) Toluene	10.629	92	265443	58.049	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	159773	56.336	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	168808	55.961	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	97304	59.378	ug/l	98
56) Ethyl methacrylate	10.876	69	168713	54.612	ug/l	89
57) 1,3-Dichloropropane	11.165	76	172308	58.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	315139	241.329	ug/l	97
59) 2-Hexanone	11.194	43	512163	257.373	ug/l	94
60) Dibromochloromethane	11.359	129	117002	59.054	ug/l	97
61) 1,2-Dibromoethane	11.470	107	96928	56.305	ug/l	98
64) Tetrachloroethene	11.100	164	80648	53.433	ug/l	94
65) Chlorobenzene	11.894	112	277000	55.001	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	99061	55.771	ug/l	99
67) Ethyl Benzene	11.965	91	510315	55.235	ug/l	99
68) m/p-Xylenes	12.070	106	382402	110.494	ug/l	97
69) o-Xylene	12.400	106	186804	54.728	ug/l	98
70) Styrene	12.412	104	321587	56.096	ug/l	98
71) Bromoform	12.576	173	73376	54.531	ug/l #	100
73) Isopropylbenzene	12.694	105	492032	47.920	ug/l	99
74) N-amyl acetate	12.494	43	223601	44.521	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	140704	48.451	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	125506m	46.583	ug/l	
77) Bromobenzene	12.982	156	111396	48.839	ug/l	96
78) n-propylbenzene	13.035	91	568157	48.055	ug/l	100
79) 2-Chlorotoluene	13.123	91	361840	48.272	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	417964	48.621	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	48866	39.453	ug/l	97
82) 4-Chlorotoluene	13.223	91	361787	48.117	ug/l	97
83) tert-Butylbenzene	13.441	119	367102	48.222	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	431241	49.779	ug/l	98
85) sec-Butylbenzene	13.617	105	494870	47.640	ug/l	100
86) p-Isopropyltoluene	13.729	119	419371	48.896	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	216080	50.347	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	213654	49.379	ug/l	98
89) n-Butylbenzene	14.053	91	360488	48.506	ug/l	99
90) Hexachloroethane	14.335	117	79138	47.759	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	214830	51.727	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30232	42.900	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	108964	46.831	ug/l	98
94) Hexachlorobutadiene	15.500	225	44942	43.432	ug/l	97
95) Naphthalene	15.641	128	375918	45.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109627	47.617	ug/l	97

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

