

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081533.D
 Acq On : 21 Mar 2024 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2024
 Supervised By : Mahesh Dadoda 03/22/2024

Quant Time: Mar 22 05:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	407655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	702462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	301015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	276355	53.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.171	113	244111	55.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.120%			
50) Toluene-d8	10.565	98	857433	53.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.847	95	311860	55.227	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	234899	42.794	ug/l	100
3) Chloromethane	2.365	50	253900	46.458	ug/l	95
4) Vinyl Chloride	2.518	62	348990	56.900	ug/l	91
5) Bromomethane	2.947	94	197722	45.583	ug/l	92
6) Chloroethane	3.124	64	201513	47.852	ug/l	100
7) Trichlorofluoromethane	3.500	101	461104	50.444	ug/l	95
8) Diethyl Ether	3.959	74	171667	56.747	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	259047	49.875	ug/l #	88
10) Methyl Iodide	4.588	142	309170	59.774	ug/l	99
11) Tert butyl alcohol	5.512	59	254474	280.887	ug/l	100
12) 1,1-Dichloroethene	4.336	96	252369	52.457	ug/l	88
13) Acrolein	4.177	56	281271	345.991	ug/l	97
14) Allyl chloride	5.024	41	319770	53.043	ug/l #	84
15) Acrylonitrile	5.712	53	635587	262.240	ug/l	97
16) Acetone	4.424	43	438645	261.084	ug/l	99
17) Carbon Disulfide	4.718	76	651259	47.172	ug/l	96
18) Methyl Acetate	5.024	43	294590	56.874	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	882210	58.593	ug/l	95
20) Methylene Chloride	5.283	84	291893	53.038	ug/l	86
21) trans-1,2-Dichloroethene	5.788	96	275192	51.302	ug/l	90
22) Diisopropyl ether	6.671	45	819659	58.516	ug/l #	92
23) Vinyl Acetate	6.600	43	3128101	280.560	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	511469	54.517	ug/l	98
25) 2-Butanone	7.482	43	764902	265.434	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	419180	51.514	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	334243	55.071	ug/l	84
28) Bromochloromethane	7.812	49	180147	47.143	ug/l #	54
29) Tetrahydrofuran	7.835	42	512242	263.865	ug/l #	78
30) Chloroform	7.965	83	551821	54.943	ug/l	99
31) Cyclohexane	8.259	56	388660	45.943	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	480417	52.723	ug/l	93
36) 1,1-Dichloropropene	8.371	75	387789	51.978	ug/l	94
37) Ethyl Acetate	7.559	43	324509	50.795	ug/l	96
38) Carbon Tetrachloride	8.359	117	415503	50.840	ug/l	98
39) Methylcyclohexane	9.600	83	439605	52.764	ug/l	85
40) Benzene	8.606	78	1186073	54.378	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	185711	54.968	ug/l	89
42) 1,2-Dichloroethane	8.671	62	412631	53.756	ug/l	97
43) Isopropyl Acetate	8.688	43	570382	53.862	ug/l #	90
44) Trichloroethene	9.353	130	325289	53.025	ug/l	95
45) 1,2-Dichloropropane	9.623	63	292062	55.250	ug/l	100
46) Dibromomethane	9.706	93	213148	53.096	ug/l #	87
47) Bromodichloromethane	9.888	83	437268	55.711	ug/l #	98
48) Methyl methacrylate	9.682	41	271940	55.675	ug/l #	85
49) 1,4-Dioxane	9.694	88	112163	955.559	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1702337	263.448	ug/l	90
52) Toluene	10.629	92	755505	54.496	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	467201	55.125	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	497575	54.758	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	307389	55.096	ug/l	94
56) Ethyl methacrylate	10.876	69	447197	53.432	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	513646	56.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1028199	292.886	ug/l #	84
59) 2-Hexanone	11.194	43	1248127	261.254	ug/l	89
60) Dibromochloromethane	11.359	129	337895	55.069	ug/l	97
61) 1,2-Dibromoethane	11.470	107	312818	54.995	ug/l	99
64) Tetrachloroethene	11.106	164	322612	52.942	ug/l	92
65) Chlorobenzene	11.894	112	812106	53.887	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	312080	55.873	ug/l	97
67) Ethyl Benzene	11.964	91	1454497	55.561	ug/l	98
68) m/p-Xylenes	12.070	106	1114477	113.560	ug/l	93
69) o-Xylene	12.400	106	551602	57.252	ug/l	92
70) Styrene	12.412	104	901432	58.012	ug/l	96
71) Bromoform	12.576	173	221311	52.727	ug/l #	96
73) Isopropylbenzene	12.694	105	1404832	54.750	ug/l	97
74) N-amyl acetate	12.494	43	506006	54.494	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	377508	50.040	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	408112m	56.679	ug/l	
77) Bromobenzene	12.982	156	332604	52.474	ug/l	71
78) n-propylbenzene	13.035	91	1636710	54.014	ug/l	95
79) 2-Chlorotoluene	13.123	91	964214	53.166	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1181568	55.753	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	154554	58.004	ug/l	94
82) 4-Chlorotoluene	13.223	91	978030	54.698	ug/l	94
83) tert-Butylbenzene	13.441	119	994582	54.422	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1190130	55.874	ug/l	94
85) sec-Butylbenzene	13.617	105	1428486	54.678	ug/l	93
86) p-Isopropyltoluene	13.729	119	1199802	56.181	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	608238	52.229	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	611443	50.707	ug/l	97
89) n-Butylbenzene	14.058	91	1026494	54.206	ug/l	97
90) Hexachloroethane	14.335	117	205814	50.887	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	595607	53.137	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	79817	49.714	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	341730	52.728	ug/l	99
94) Hexachlorobutadiene	15.500	225	129187	45.430	ug/l	97
95) Naphthalene	15.641	128	1189918	56.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	337812	51.819	ug/l	97

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

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