

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033687.D
 Acq On : 11 Jan 2023 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:27:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	182702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97362	50.612	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.385	113	83905	51.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.646	98	302840	50.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	115308	52.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68973	47.772	ug/l	100
3) Chloromethane	1.294	50	78273	49.080	ug/l	97
4) Vinyl Chloride	1.373	62	78622	50.799	ug/l	99
5) Bromomethane	1.617	94	36354	40.881	ug/l	98
6) Chloroethane	1.690	64	39863	41.660	ug/l	98
7) Trichlorofluoromethane	1.892	101	118155	47.075	ug/l	99
8) Diethyl Ether	2.129	74	33114	40.293	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.330	101	75469	52.144	ug/l	97
10) Methyl Iodide	2.452	142	95700	47.158	ug/l	97
11) Tert butyl alcohol	3.025	59	72959	218.322	ug/l #	86
12) 1,1-Dichloroethene	2.318	96	69755	46.922	ug/l	97
13) Acrolein	2.239	56	56167	182.162	ug/l	100
14) Allyl chloride	2.666	41	131934	47.054	ug/l	93
15) Acrylonitrile	3.068	53	195508	222.297	ug/l	98
16) Acetone	2.398	43	204690	295.022	ug/l	98
17) Carbon Disulfide	2.513	76	175136	46.677	ug/l	100
18) Methyl Acetate	2.708	43	123028	45.826	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	242270	46.922	ug/l	99
20) Methylene Chloride	2.788	84	80194	47.836	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	76326	43.919	ug/l	99
22) Diisopropyl ether	3.757	45	268930	47.671	ug/l	93
23) Vinyl Acetate	3.720	43	1022840	240.847	ug/l	100
24) 1,1-Dichloroethane	3.605	63	141921	45.981	ug/l	100
25) 2-Butanone	4.562	43	287696	228.892	ug/l	100
26) 2,2-Dichloropropane	4.470	77	105456	47.699	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	90600	45.345	ug/l	97
28) Bromochloromethane	4.891	49	62476	44.438	ug/l	99
29) Tetrahydrofuran	5.007	42	178220	224.973	ug/l	99
30) Chloroform	5.092	83	148877	47.094	ug/l	100
31) Cyclohexane	5.470	56	130163	45.983	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	129284	47.900	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109506	45.960	ug/l	99
37) Ethyl Acetate	4.708	43	110164	48.363	ug/l	99
38) Carbon Tetrachloride	5.671	117	118105	47.860	ug/l	98
39) Methylcyclohexane	7.378	83	135165	45.938	ug/l	100
40) Benzene	6.037	78	315081	45.369	ug/l	100

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41) Methacrylonitrile	4.915	41	64041	48.775	ug/l	99
42) 1,2-Dichloroethane	6.080	62	117458	47.725	ug/l	98
43) Isopropyl Acetate	6.330	43	177493	47.188	ug/l	99
44) Trichloroethene	7.122	130	90075	46.382	ug/l	98
45) 1,2-Dichloropropane	7.427	63	83210	47.830	ug/l	99
46) Dibromomethane	7.580	93	57913	47.659	ug/l	96
47) Bromodichloromethane	7.817	83	117720	50.268	ug/l	95
48) Methyl methacrylate	7.689	41	91411	48.244	ug/l	99
49) 1,4-Dioxane	7.738	88	36225	864.315	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	563936	244.122	ug/l	99
52) Toluene	8.713	92	210259	46.882	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	120961	51.649	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	132541	50.507	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	85436	48.126	ug/l	99
56) Ethyl methacrylate	9.116	69	125425	50.203	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141849	49.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	302893	246.170	ug/l	99
59) 2-Hexanone	9.427	43	413191	256.985	ug/l	99
60) Dibromochloromethane	9.518	129	98004	53.249	ug/l	100
61) 1,2-Dibromoethane	9.610	107	90154	50.886	ug/l	99
64) Tetrachloroethene	9.274	164	80002	46.824	ug/l	97
65) Chlorobenzene	10.079	112	232018	46.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	90944	49.290	ug/l	99
67) Ethyl Benzene	10.195	91	408141	47.414	ug/l	100
68) m/p-Xylenes	10.299	106	325659	96.724	ug/l	100
69) o-Xylene	10.640	106	159421	47.746	ug/l	99
70) Styrene	10.652	104	269704	49.667	ug/l	100
71) Bromoform	10.798	173	76975	49.787	ug/l	99
73) Isopropylbenzene	10.963	105	418549	48.702	ug/l	100
74) N-amyl acetate	10.841	43	156316	45.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	122674	48.808	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	98538m	41.119	ug/l	
77) Bromobenzene	11.195	156	111647	48.125	ug/l	99
78) n-propylbenzene	11.304	91	477818	44.896	ug/l	100
79) 2-Chlorotoluene	11.365	91	280875	48.779	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	349771	44.567	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36574	47.433	ug/l	99
82) 4-Chlorotoluene	11.451	91	322116	48.884	ug/l	99
83) tert-Butylbenzene	11.713	119	364337	46.754	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	349941	47.137	ug/l	99
85) sec-Butylbenzene	11.890	105	444110	47.648	ug/l	100
86) p-Isopropyltoluene	12.006	119	387416	48.550	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	202409	45.929	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	204347	45.518	ug/l	99
89) n-Butylbenzene	12.329	91	321559	49.257	ug/l	100
90) Hexachloroethane	12.536	117	65055	49.561	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	197215	46.375	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	25027	47.023	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	140893	49.185	ug/l	100
94) Hexachlorobutadiene	13.725	225	67603	48.177	ug/l	99
95) Naphthalene	13.774	128	398347	48.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138544	48.335	ug/l	99

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

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