

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038944.D
 Acq On : 18 Nov 2023 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 04:42:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94288	48.023	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	75303	45.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.840%		
50) Toluene-d8	8.647	98	281433	44.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.720%#		
62) 4-Bromofluorobenzene	11.079	95	112154	44.658	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73286	51.546	ug/l	99
3) Chloromethane	1.295	50	81530	43.935	ug/l	97
4) Vinyl Chloride	1.374	62	84318	47.170	ug/l	99
5) Bromomethane	1.599	94	46068	62.333	ug/l	98
6) Chloroethane	1.679	64	52669	51.631	ug/l	97
7) Trichlorofluoromethane	1.886	101	115347	50.852	ug/l	100
8) Diethyl Ether	2.136	74	49392	49.994	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	69109	45.942	ug/l	96
10) Methyl Iodide	2.453	142	85598	46.752	ug/l	92
11) Tert butyl alcohol	2.959	59	150456	275.518	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	70750	46.586	ug/l	89
13) Acrolein	2.233	56	76909	266.201	ug/l	99
14) Allyl chloride	2.660	41	141630	46.579	ug/l	95
15) Acrylonitrile	3.063	53	291663	252.768	ug/l	99
16) Acetone	2.380	43	251064	240.207	ug/l #	89
17) Carbon Disulfide	2.508	76	194018	41.243	ug/l	99
18) Methyl Acetate	2.703	43	269607	54.306	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	272644	51.042	ug/l	98
20) Methylene Chloride	2.788	84	86277	45.791	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	76850	45.861	ug/l	93
22) Diisopropyl ether	3.758	45	277762	49.795	ug/l	92
23) Vinyl Acetate	3.721	43	983451	244.798	ug/l	99
24) 1,1-Dichloroethane	3.611	63	149884	48.050	ug/l	99
25) 2-Butanone	4.550	43	427352	252.135	ug/l	96
26) 2,2-Dichloropropane	4.477	77	105023	38.814	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92684	47.450	ug/l	94
28) Bromochloromethane	4.898	49	78263	52.257	ug/l	97
29) Tetrahydrofuran	5.001	42	283760	263.672	ug/l	98
30) Chloroform	5.093	83	152194	49.966	ug/l	97
31) Cyclohexane	5.471	56	127081	45.333	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	133835	50.728	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109563	46.620	ug/l	98
37) Ethyl Acetate	4.709	43	156022	50.957	ug/l	98
38) Carbon Tetrachloride	5.678	117	111599	51.380	ug/l	98
39) Methylcyclohexane	7.379	83	134177	43.770	ug/l	96
40) Benzene	6.038	78	332603	47.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	83256	52.428	ug/l	94
42) 1,2-Dichloroethane	6.086	62	120110	52.155	ug/l	98
43) Isopropyl Acetate	6.336	43	245798	50.232	ug/l	98
44) Trichloroethene	7.123	130	82199	48.583	ug/l	96
45) 1,2-Dichloropropane	7.428	63	90994	48.646	ug/l	98
46) Dibromomethane	7.580	93	63484	50.892	ug/l	98
47) Bromodichloromethane	7.818	83	124618	50.334	ug/l	98
48) Methyl methacrylate	7.690	41	116834	49.211	ug/l	93
49) 1,4-Dioxane	7.659	88	51145	1113.513	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	821867	262.824	ug/l	99
52) Toluene	8.720	92	206337	47.836	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	136983	46.558	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143684	47.278	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	88673	49.268	ug/l	96
56) Ethyl methacrylate	9.116	69	151179	49.645	ug/l	97
57) 1,3-Dichloropropane	9.305	76	148298	49.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	350407	247.013	ug/l	96
59) 2-Hexanone	9.427	43	653274	260.639	ug/l	98
60) Dibromochloromethane	9.519	129	91853	50.192	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92932	49.207	ug/l	99
64) Tetrachloroethene	9.275	164	64784	49.283	ug/l	98
65) Chlorobenzene	10.080	112	220063	48.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	81417	49.684	ug/l	98
67) Ethyl Benzene	10.195	91	406458	48.563	ug/l	100
68) m/p-Xylenes	10.299	106	305817	96.592	ug/l	98
69) o-Xylene	10.640	106	151924	48.495	ug/l	99
70) Styrene	10.653	104	255630	48.316	ug/l	98
71) Bromoform	10.799	173	69504	50.878	ug/l #	99
73) Isopropylbenzene	10.964	105	394676	47.351	ug/l	99
74) N-amyl acetate	10.842	43	210147	47.695	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	156324	48.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130761m	48.991	ug/l	
77) Bromobenzene	11.195	156	88881	47.457	ug/l	97
78) n-propylbenzene	11.305	91	483499	47.126	ug/l	98
79) 2-Chlorotoluene	11.366	91	283841	46.618	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	339303	48.414	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	50441	41.918	ug/l #	84
82) 4-Chlorotoluene	11.451	91	334253	47.611	ug/l	100
83) tert-Butylbenzene	11.713	119	325805	47.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	339899	47.917	ug/l	100
85) sec-Butylbenzene	11.890	105	432027	47.852	ug/l	98
86) p-Isopropyltoluene	12.006	119	345134	47.621	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	173914	47.420	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177928	47.401	ug/l	99
89) n-Butylbenzene	12.329	91	339777	46.467	ug/l	97
90) Hexachloroethane	12.536	117	67844	46.876	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	170837	49.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40607	50.939	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	109599	47.018	ug/l	98
94) Hexachlorobutadiene	13.725	225	37310	45.198	ug/l	99
95) Naphthalene	13.774	128	417430	48.082	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106201	48.061	ug/l	98

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

