

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034271.D
 Acq On : 27 Feb 2023 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 04:07:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	326877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	530191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185660	42.174	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.340%		
35) Dibromofluoromethane	5.379	113	155744	45.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.240%		
50) Toluene-d8	8.647	98	585111	47.209	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	238861	50.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	135559	47.993	ug/l	98
3) Chloromethane	1.301	50	189305	46.573	ug/l	100
4) Vinyl Chloride	1.374	62	188544	50.933	ug/l	100
5) Bromomethane	1.599	94	84697	61.930	ug/l	99
6) Chloroethane	1.679	64	106268	57.103	ug/l	98
7) Trichlorofluoromethane	1.886	101	281768	56.262	ug/l	99
8) Diethyl Ether	2.130	74	103895	51.493	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	166894	47.320	ug/l	95
10) Methyl Iodide	2.453	142	193849	45.141	ug/l	94
11) Tert butyl alcohol	2.953	59	207848	211.094	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	158483	44.826	ug/l	96
13) Acrolein	2.233	56	115219	256.349	ug/l	98
14) Allyl chloride	2.660	41	327822	43.711	ug/l	89
15) Acrylonitrile	3.056	53	507166	236.113	ug/l	99
16) Acetone	2.374	43	518174	228.180	ug/l	94
17) Carbon Disulfide	2.508	76	413428	40.672	ug/l	99
18) Methyl Acetate	2.697	43	336132	47.836	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	601525	48.206	ug/l	97
20) Methylene Chloride	2.788	84	183541	44.856	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	175687	47.422	ug/l	98
22) Diisopropyl ether	3.757	45	675593	51.383	ug/l	92
23) Vinyl Acetate	3.715	43	2605997	247.387	ug/l	99
24) 1,1-Dichloroethane	3.605	63	341601	47.326	ug/l	99
25) 2-Butanone	4.550	43	772471	235.094	ug/l	99
26) 2,2-Dichloropropane	4.471	77	305364	46.701	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	211521	48.215	ug/l	94
28) Bromochloromethane	4.891	49	139919	43.454	ug/l	87
29) Tetrahydrofuran	4.995	42	473766	236.354	ug/l	99
30) Chloroform	5.086	83	347464	50.132	ug/l	98
31) Cyclohexane	5.464	56	307433	46.775	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	303697	48.880	ug/l	99
36) 1,1-Dichloropropene	5.690	75	252860	49.529	ug/l	99
37) Ethyl Acetate	4.708	43	287769	50.436	ug/l	99
38) Carbon Tetrachloride	5.672	117	265963	50.627	ug/l	99
39) Methylcyclohexane	7.373	83	321167	48.885	ug/l	99
40) Benzene	6.031	78	759352	50.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	164208	51.655	ug/l	99
42) 1,2-Dichloroethane	6.086	62	270236	50.786	ug/l	99
43) Isopropyl Acetate	6.330	43	504134	50.071	ug/l	99
44) Trichloroethene	7.123	130	197809	50.949	ug/l	92
45) 1,2-Dichloropropane	7.428	63	201545	50.042	ug/l	97
46) Dibromomethane	7.580	93	133976	50.545	ug/l	88
47) Bromodichloromethane	7.818	83	273265	50.236	ug/l	97
48) Methyl methacrylate	7.690	41	236514	49.492	ug/l	98
49) 1,4-Dioxane	7.659	88	91233	957.130	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	1481172	267.385	ug/l	99
52) Toluene	8.714	92	487880	53.220	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	325233	51.943	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	340343	50.774	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	198672	53.691	ug/l	99
56) Ethyl methacrylate	9.116	69	332013	53.040	ug/l	96
57) 1,3-Dichloropropane	9.305	76	340199	52.843	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	694639	256.171	ug/l	95
59) 2-Hexanone	9.427	43	1147529	271.819	ug/l	98
60) Dibromochloromethane	9.519	129	220936	54.037	ug/l	100
61) 1,2-Dibromoethane	9.610	107	209701	53.585	ug/l	99
64) Tetrachloroethene	9.269	164	166767	48.591	ug/l	93
65) Chlorobenzene	10.079	112	520181	51.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	200056	50.981	ug/l	98
67) Ethyl Benzene	10.195	91	950412	52.189	ug/l	99
68) m/p-Xylenes	10.299	106	730490	104.819	ug/l	95
69) o-Xylene	10.640	106	365110	52.624	ug/l	95
70) Styrene	10.653	104	606433	53.743	ug/l	95
71) Bromoform	10.799	173	167329	52.240	ug/l #	99
73) Isopropylbenzene	10.963	105	948062	50.448	ug/l	100
74) N-amyl acetate	10.842	43	466452	49.406	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	316801	49.287	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	269093m	43.369	ug/l	
77) Bromobenzene	11.195	156	227082	50.212	ug/l	82
78) n-propylbenzene	11.305	91	1135821	51.968	ug/l	97
79) 2-Chlorotoluene	11.366	91	684407	51.068	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	804385	50.910	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	116603	48.277	ug/l	93
82) 4-Chlorotoluene	11.451	91	784439	51.390	ug/l	95
83) tert-Butylbenzene	11.713	119	822462	50.826	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	810359	50.725	ug/l	97
85) sec-Butylbenzene	11.890	105	1029676	52.398	ug/l	98
86) p-Isopropyltoluene	12.006	119	849650	52.244	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	436633	51.481	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	437774	51.173	ug/l	96
89) n-Butylbenzene	12.329	91	775645	53.548	ug/l	98
90) Hexachloroethane	12.536	117	171652	50.480	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	424785	51.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	72384	47.225	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	280025	52.560	ug/l	97
94) Hexachlorobutadiene	13.725	225	117639	53.264	ug/l	98
95) Naphthalene	13.774	128	899606	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268863	50.832	ug/l	97

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

