

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033460.D
 Acq On : 16 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 08:04:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39585	44.997	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.000%		
35) Dibromofluoromethane	5.385	113	45864	47.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	102557	51.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	83965	54.748	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46818	48.876	ug/l	98
3) Chloromethane	1.294	50	47512	42.899	ug/l	96
4) Vinyl Chloride	1.374	62	54928	43.435	ug/l	99
5) Bromomethane	1.618	94	45418	48.939	ug/l	97
6) Chloroethane	1.685	64	40155	41.862	ug/l	100
7) Trichlorofluoromethane	1.886	101	85676	36.086	ug/l	98
8) Diethyl Ether	2.136	74	30751	35.860	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	67846	53.871	ug/l	98
10) Methyl Iodide	2.453	142	74604	54.087	ug/l	99
11) Tert butyl alcohol	2.983	59	55657m	206.936	ug/l	
12) 1,1-Dichloroethene	2.319	96	60799	48.906	ug/l	96
13) Acrolein	2.239	56	52135	178.729	ug/l	99
14) Allyl chloride	2.666	41	95253	47.980	ug/l	96
15) Acrylonitrile	3.062	53	159713	239.721	ug/l	99
16) Acetone	2.386	43	139000	213.529	ug/l	99
17) Carbon Disulfide	2.514	76	136004	42.625	ug/l	99
18) Methyl Acetate	2.703	43	95659	50.762	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	220465	51.197	ug/l	99
20) Methylene Chloride	2.788	84	68006	46.843	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	68041	50.034	ug/l	98
22) Diisopropyl ether	3.757	45	219361	51.572	ug/l	95
23) Vinyl Acetate	3.721	43	831427	251.838	ug/l	97
24) 1,1-Dichloroethane	3.611	63	122602	49.057	ug/l	99
25) 2-Butanone	4.556	43	226298	242.183	ug/l	98
26) 2,2-Dichloropropane	4.477	77	99998	54.409	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	82867	50.988	ug/l	98
28) Bromochloromethane	4.897	49	51336	49.070	ug/l	91
29) Tetrahydrofuran	5.001	42	145506	240.344	ug/l	97
30) Chloroform	5.093	83	141987	51.175	ug/l	100
31) Cyclohexane	5.471	56	107145	51.249	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	125688	52.651	ug/l	98
36) 1,1-Dichloropropene	5.696	75	98189	52.526	ug/l	98
37) Ethyl Acetate	4.708	43	88030	49.817	ug/l	100
38) Carbon Tetrachloride	5.678	117	110197	52.614	ug/l	98
39) Methylcyclohexane	7.379	83	117076	55.954	ug/l	100
40) Benzene	6.037	78	287046	52.665	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50733	52.101	ug/l	96
42) 1,2-Dichloroethane	6.086	62	110761	51.175	ug/l	99
43) Isopropyl Acetate	6.336	43	147273	51.798	ug/l	97
44) Trichloroethene	7.123	130	82270	54.746	ug/l	99
45) 1,2-Dichloropropane	7.427	63	72763	52.201	ug/l	98
46) Dibromomethane	7.580	93	54631	51.448	ug/l	97
47) Bromodichloromethane	7.818	83	111219	53.732	ug/l	96
48) Methyl methacrylate	7.690	41	75636	51.544	ug/l	92
49) 1,4-Dioxane	7.690	88	28986	866.251	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	479719	266.804	ug/l	95
52) Toluene	8.720	92	198584	56.352	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	113818	51.127	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	124295	56.431	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	82502	55.694	ug/l	98
56) Ethyl methacrylate	9.116	69	118373	56.755	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	130804	54.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	264017	276.653	ug/l	98
59) 2-Hexanone	9.427	43	366443	276.557	ug/l	95
60) Dibromochloromethane	9.519	129	90659	55.547	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87082	55.266	ug/l	100
64) Tetrachloroethene	9.275	164	76473	55.188	ug/l	98
65) Chlorobenzene	10.079	112	218895	53.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	83557	53.881	ug/l	99
67) Ethyl Benzene	10.195	91	396076	55.402	ug/l	99
68) m/p-Xylenes	10.299	106	309437	111.248	ug/l	96
69) o-Xylene	10.640	106	150132	54.606	ug/l	96
70) Styrene	10.652	104	253075	56.204	ug/l	97
71) Bromoform	10.799	173	65823	53.623	ug/l #	100
73) Isopropylbenzene	10.963	105	400113	53.996	ug/l	99
74) N-amyl acetate	10.841	43	132695	52.487	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	119459	50.817	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108160m	52.001	ug/l	
77) Bromobenzene	11.195	156	98672	52.733	ug/l	97
78) n-propylbenzene	11.305	91	457536	55.299	ug/l	98
79) 2-Chlorotoluene	11.366	91	271215	53.040	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	339235	54.998	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34150	51.073	ug/l	94
82) 4-Chlorotoluene	11.451	91	312825	52.613	ug/l	97
83) tert-Butylbenzene	11.713	119	330021	53.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	335373	54.470	ug/l	99
85) sec-Butylbenzene	11.890	105	403715	56.256	ug/l	99
86) p-Isopropyltoluene	12.012	119	346666	56.030	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	185016	54.584	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	187065	54.030	ug/l	98
89) n-Butylbenzene	12.335	91	292978	57.815	ug/l	99
90) Hexachloroethane	12.536	117	54665	51.979	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	180199	53.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24161	47.582	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	114143	55.771	ug/l	99
94) Hexachlorobutadiene	13.725	225	48477	59.151	ug/l	99
95) Naphthalene	13.774	128	375552	55.011	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112203	54.131	ug/l	99

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

