

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032053.D
 Acq On : 11 Oct 2022 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 12 05:20:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	66439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	102665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73049	53.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	59076	50.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.646	98	219781	52.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	11.079	95	85527	57.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52301	52.895	ug/l	95
3) Chloromethane	1.288	50	47126	45.515	ug/l	98
4) Vinyl Chloride	1.373	62	55588	45.940	ug/l	96
5) Bromomethane	1.611	94	44482	57.218	ug/l	97
6) Chloroethane	1.684	64	45274	43.969	ug/l	97
7) Trichlorofluoromethane	1.885	101	110626	50.862	ug/l	98
8) Diethyl Ether	2.129	74	36659	49.446	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.324	101	54956	49.988	ug/l	92
10) Methyl Iodide	2.446	142	50751	45.624	ug/l	99
11) Tert butyl alcohol	2.989	59	43653	255.710	ug/l	100
12) 1,1-Dichloroethene	2.318	96	48770	48.192	ug/l	95
13) Acrolein	2.233	56	24118	244.708	ug/l	99
14) Allyl chloride	2.660	41	77247	53.645	ug/l	98
15) Acrylonitrile	3.062	53	138953	255.331	ug/l	100
16) Acetone	2.385	43	114876	246.342	ug/l	97
17) Carbon Disulfide	2.507	76	100415	46.206	ug/l	99
18) Methyl Acetate	2.702	43	83167	54.052	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	176609	52.005	ug/l	98
20) Methylene Chloride	2.788	84	57680	47.069	ug/l	94
21) trans-1,2-Dichloroethene	3.086	96	53882	48.079	ug/l	98
22) Diisopropyl ether	3.757	45	179315	55.393	ug/l	98
23) Vinyl Acetate	3.721	43	701715	290.001	ug/l	98
24) 1,1-Dichloroethane	3.605	63	100676	51.882	ug/l	97
25) 2-Butanone	4.556	43	189204	259.548	ug/l	98
26) 2,2-Dichloropropane	4.470	77	66070	47.403	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	65937	49.171	ug/l	91
28) Bromochloromethane	4.891	49	43222	52.039	ug/l	89
29) Tetrahydrofuran	5.001	42	120976	257.204	ug/l	96
30) Chloroform	5.092	83	115268	53.329	ug/l	94
31) Cyclohexane	5.464	56	82869	50.556	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	97675	53.178	ug/l	99
36) 1,1-Dichloropropene	5.684	75	78811	51.142	ug/l	99
37) Ethyl Acetate	4.708	43	77390	53.343	ug/l	100
38) Carbon Tetrachloride	5.677	117	84916	53.892	ug/l	99
39) Methylcyclohexane	7.378	83	94033	51.157	ug/l	96
40) Benzene	6.037	78	230755	51.137	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	42869	56.823	ug/l	97
42) 1,2-Dichloroethane	6.086	62	91975	55.934	ug/l	100
43) Isopropyl Acetate	6.336	43	126307	57.381	ug/l	99
44) Trichloroethene	7.122	130	64241	48.553	ug/l	95
45) 1,2-Dichloropropane	7.427	63	59730	53.862	ug/l	95
46) Dibromomethane	7.580	93	44584	51.876	ug/l	96
47) Bromodichloromethane	7.817	83	85211	57.394	ug/l	99
48) Methyl methacrylate	7.689	41	61977	58.923	ug/l	94
49) 1,4-Dioxane	7.683	88	23120	969.561	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	418774	287.086	ug/l	99
52) Toluene	8.720	92	155797	52.806	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86265	53.880	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94780	58.949	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	64530	51.821	ug/l	98
56) Ethyl methacrylate	9.116	69	92493	57.946	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109788	54.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	230172	279.349	ug/l	97
59) 2-Hexanone	9.433	43	311165	289.305	ug/l	100
60) Dibromochloromethane	9.518	129	66275	58.156	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66460	53.072	ug/l	97
64) Tetrachloroethene	9.274	164	63821	48.582	ug/l	98
65) Chlorobenzene	10.079	112	172111	48.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	62685	51.383	ug/l	98
67) Ethyl Benzene	10.195	91	307349	51.530	ug/l	100
68) m/p-Xylenes	10.305	106	238685	100.701	ug/l	97
69) o-Xylene	10.640	106	117362	50.942	ug/l	100
70) Styrene	10.658	104	197449	53.612	ug/l	99
71) Bromoform	10.799	173	43828	54.878	ug/l #	98
73) Isopropylbenzene	10.963	105	319520	49.936	ug/l	97
74) N-amyl acetate	10.841	43	116738	59.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97859	48.136	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	88406m	50.846	ug/l	
77) Bromobenzene	11.201	156	75614	47.974	ug/l	99
78) n-propylbenzene	11.305	91	372173	51.138	ug/l	99
79) 2-Chlorotoluene	11.365	91	219493	50.116	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	274089	51.649	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22056	45.373	ug/l #	80
82) 4-Chlorotoluene	11.457	91	260374	51.910	ug/l	98
83) tert-Butylbenzene	11.713	119	266141	50.672	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	275815	51.162	ug/l	98
85) sec-Butylbenzene	11.890	105	345355	53.110	ug/l	98
86) p-Isopropyltoluene	12.012	119	294448	53.782	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	146151	48.701	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149493	48.396	ug/l	99
89) n-Butylbenzene	12.335	91	259839	56.675	ug/l	100
90) Hexachloroethane	12.542	117	44215	50.767	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	147311	49.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21213	57.004	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	91544	50.551	ug/l	98
94) Hexachlorobutadiene	13.725	225	39574	54.030	ug/l	98
95) Naphthalene	13.774	128	314986	50.760	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94065	51.208	ug/l	99

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

