

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028214.D
 Acq On : 20 Apr 2022 22:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 21 06:18:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	330781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	532485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191163	44.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.640%		
35) Dibromofluoromethane	5.391	113	172835	46.283	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.560%		
50) Toluene-d8	8.653	98	647881	45.172	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.340%		
62) 4-Bromofluorobenzene	11.085	95	249955	45.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91918	43.047	ug/l	98
3) Chloromethane	1.288	50	109658	50.988	ug/l	98
4) Vinyl Chloride	1.374	62	146058	43.800	ug/l	97
5) Bromomethane	1.599	94	131910	43.302	ug/l	98
6) Chloroethane	1.678	64	109297	45.482	ug/l	99
7) Trichlorofluoromethane	1.886	101	299357	40.710	ug/l	96
8) Diethyl Ether	2.136	74	104463	47.102	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	142892	53.345	ug/l	96
10) Methyl Iodide	2.453	142	193214	52.456	ug/l	96
11) Tert butyl alcohol	2.965	59	197659	238.862	ug/l	99
12) 1,1-Dichloroethene	2.319	96	140054	55.093	ug/l	93
13) Acrolein	2.233	56	134656	254.750	ug/l	99
14) Allyl chloride	2.666	41	192209	45.060	ug/l	93
15) Acrylonitrile	3.062	53	402479	228.990	ug/l	99
16) Acetone	2.380	43	342361	259.946	ug/l	93
17) Carbon Disulfide	2.514	76	319870	46.725	ug/l	100
18) Methyl Acetate	2.703	43	175034	45.644	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	499055	47.078	ug/l	97
20) Methylene Chloride	2.788	84	158918	49.659	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	160017	46.285	ug/l	92
22) Diisopropyl ether	3.757	45	423405	43.580	ug/l #	78
23) Vinyl Acetate	3.721	43	1884040	221.967	ug/l	98
24) 1,1-Dichloroethane	3.611	63	261989	45.669	ug/l	97
25) 2-Butanone	4.556	43	554232	216.978	ug/l	96
26) 2,2-Dichloropropane	4.477	77	216273	38.613	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	188366	45.694	ug/l	91
28) Bromochloromethane	4.903	49	103663	42.118	ug/l	86
29) Tetrahydrofuran	5.007	42	356624	214.123	ug/l	98
30) Chloroform	5.092	83	307714	44.665	ug/l	98
31) Cyclohexane	5.477	56	225712	42.954	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	284295	45.571	ug/l	97
36) 1,1-Dichloropropene	5.696	75	213328	43.795	ug/l	96
37) Ethyl Acetate	4.715	43	215367	43.574	ug/l	100
38) Carbon Tetrachloride	5.678	117	249927	45.451	ug/l	98
39) Methylcyclohexane	7.385	83	264018	42.957	ug/l	95
40) Benzene	6.044	78	642929	45.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	110131	43.188	ug/l	98
42) 1,2-Dichloroethane	6.092	62	231234	43.688	ug/l	100
43) Isopropyl Acetate	6.342	43	343312	42.679	ug/l	98
44) Trichloroethene	7.129	130	193913	46.898	ug/l	95
45) 1,2-Dichloropropane	7.434	63	154156	44.169	ug/l	94
46) Dibromomethane	7.580	93	124762	45.570	ug/l	100
47) Bromodichloromethane	7.824	83	233320	44.341	ug/l	99
48) Methyl methacrylate	7.696	41	159544	43.200	ug/l	93
49) 1,4-Dioxane	7.659	88	92394	935.181	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1127635	218.451	ug/l	98
52) Toluene	8.720	92	445512	44.974	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	248760	44.482	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	261614	43.564	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	185890	46.186	ug/l	98
56) Ethyl methacrylate	9.116	69	271230	46.489	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	290632	44.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	615718	224.928	ug/l	91
59) 2-Hexanone	9.433	43	889169	222.374	ug/l	96
60) Dibromochloromethane	9.525	129	204295	46.560	ug/l	97
61) 1,2-Dibromoethane	9.610	107	206242	46.708	ug/l	98
64) Tetrachloroethene	9.275	164	187962	47.008	ug/l	97
65) Chlorobenzene	10.079	112	505960	46.357	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	193073	47.488	ug/l	99
67) Ethyl Benzene	10.195	91	866326	47.337	ug/l	95
68) m/p-Xylenes	10.305	106	713646	95.810	ug/l	95
69) o-Xylene	10.646	106	352604	47.480	ug/l	94
70) Styrene	10.659	104	589451	48.994	ug/l	99
71) Bromoform	10.805	173	157248	42.491	ug/l #	98
73) Isopropylbenzene	10.963	105	913351	46.106	ug/l	98
74) N-amyl acetate	10.848	43	310914	45.409	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	289812	45.083	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	259037m	45.668	ug/l	
77) Bromobenzene	11.201	156	243423	47.182	ug/l	89
78) n-propylbenzene	11.305	91	1020747	46.469	ug/l	95
79) 2-Chlorotoluene	11.366	91	613558	44.927	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	795864	47.329	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	81212	42.548	ug/l	94
82) 4-Chlorotoluene	11.457	91	725518	46.119	ug/l	94
83) tert-Butylbenzene	11.719	119	820295	47.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	797849	47.731	ug/l	97
85) sec-Butylbenzene	11.890	105	982545	47.430	ug/l	96
86) p-Isopropyltoluene	12.012	119	868991	48.624	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	474378	48.935	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	475928	46.758	ug/l	99
89) n-Butylbenzene	12.335	91	684612	46.653	ug/l	97
90) Hexachloroethane	12.542	117	138602	43.352	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	467904	48.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65317	45.688	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	284906	49.742	ug/l	99
94) Hexachlorobutadiene	13.725	225	115186	45.067	ug/l	93
95) Naphthalene	13.780	128	971909	50.937	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280879	49.959	ug/l	98

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

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