

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025290.D
 Acq On : 23 Nov 2021 21:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 03:16:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/24/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54657	48.966	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.940%		
35) Dibromofluoromethane	5.391	113	49329	48.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.653	98	183887	48.310	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.085	95	68682	47.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51385	55.978	ug/l	99
3) Chloromethane	1.294	50	53331	46.922	ug/l	99
4) Vinyl Chloride	1.374	62	60613	48.573	ug/l	99
5) Bromomethane	1.599	94	26811	49.973	ug/l	99
6) Chloroethane	1.679	64	39151	45.470	ug/l	100
7) Trichlorofluoromethane	1.886	101	91024	49.144	ug/l	100
8) Diethyl Ether	2.136	74	36089	47.213	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	50442	51.184	ug/l	97
10) Methyl Iodide	2.453	142	63364	51.423	ug/l	92
11) Tert butyl alcohol	2.965	59	60959	219.694	ug/l	97
12) 1,1-Dichloroethene	2.319	96	48627	49.544	ug/l	89
13) Acrolein	2.239	56	12564	245.696	ug/l	99
14) Allyl chloride	2.666	41	81477	45.869	ug/l	95
15) Acrylonitrile	3.062	53	144018	240.435	ug/l	98
16) Acetone	2.380	43	121875	196.497	ug/l	93
17) Carbon Disulfide	2.514	76	119705	43.355	ug/l	98
18) Methyl Acetate	2.703	43	92038	46.445	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	166971	48.825	ug/l	100
20) Methylene Chloride	2.788	84	54611	46.839	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	51568	47.960	ug/l	92
22) Diisopropyl ether	3.764	45	168425	49.789	ug/l	96
23) Vinyl Acetate	3.721	43	665004	244.733	ug/l	97
24) 1,1-Dichloroethane	3.611	63	92269	49.918	ug/l	97
25) 2-Butanone	4.556	43	197884	220.673	ug/l	97
26) 2,2-Dichloropropane	4.477	77	78217	46.675	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	62539	49.807	ug/l	89
28) Bromochloromethane	4.897	49	43278	50.213	ug/l	93
29) Tetrahydrofuran	5.007	42	127622	229.853	ug/l	97
30) Chloroform	5.099	83	96828	50.337	ug/l	98
31) Cyclohexane	5.471	56	84132	48.775	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88367	50.177	ug/l	98
36) 1,1-Dichloropropene	5.696	75	70193	48.761	ug/l	97
37) Ethyl Acetate	4.715	43	77745	47.468	ug/l	99
38) Carbon Tetrachloride	5.684	117	79621	50.217	ug/l	99
39) Methylcyclohexane	7.385	83	89450	48.443	ug/l	94
40) Benzene	6.044	78	214199	49.119	ug/l	100

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41) Methacrylonitrile	4.922	41	42945	47.242	ug/l	96
42) 1,2-Dichloroethane	6.092	62	72705	51.239	ug/l	93
43) Isopropyl Acetate	6.342	43	129130	47.375	ug/l	98
44) Trichloroethene	7.129	130	62311	49.188	ug/l	89
45) 1,2-Dichloropropane	7.434	63	53555	50.003	ug/l	98
46) Dibromomethane	7.580	93	39247	50.478	ug/l	93
47) Bromodichloromethane	7.824	83	75607	49.483	ug/l	96
48) Methyl methacrylate	7.696	41	60008	46.909	ug/l	96
49) 1,4-Dioxane	7.659	88	23293	862.249	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	406981	238.117	ug/l	98
52) Toluene	8.720	92	140569	49.374	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	83004	48.850	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90279	49.016	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	57906	51.174	ug/l	97
56) Ethyl methacrylate	9.116	69	89874	48.944	ug/l	96
57) 1,3-Dichloropropane	9.311	76	93607	49.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	210420	246.300	ug/l	95
59) 2-Hexanone	9.433	43	307685	228.345	ug/l	96
60) Dibromochloromethane	9.525	129	63692	48.905	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60693	49.523	ug/l	98
64) Tetrachloroethene	9.275	164	61091	48.486	ug/l	95
65) Chlorobenzene	10.079	112	155919	50.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	59640	49.946	ug/l	99
67) Ethyl Benzene	10.195	91	269154	50.020	ug/l	96
68) m/p-Xylenes	10.305	106	214978	97.812	ug/l	94
69) o-Xylene	10.646	106	106425	49.474	ug/l	91
70) Styrene	10.659	104	178572	50.249	ug/l	96
71) Bromoform	10.799	173	49461	47.710	ug/l #	100
73) Isopropylbenzene	10.963	105	273322	49.352	ug/l	98
74) N-amyl acetate	10.842	43	113686	47.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87452	48.819	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	78259m	49.179	ug/l	
77) Bromobenzene	11.201	156	70857	49.750	ug/l	93
78) n-propylbenzene	11.305	91	309932	49.856	ug/l	96
79) 2-Chlorotoluene	11.366	91	184692	48.801	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	227719	48.917	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	28451	45.041	ug/l	91
82) 4-Chlorotoluene	11.457	91	210074	48.626	ug/l	95
83) tert-Butylbenzene	11.719	119	231226	48.875	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	228090	49.574	ug/l	96
85) sec-Butylbenzene	11.890	105	287045	49.907	ug/l	98
86) p-Isopropyltoluene	12.012	119	243943	49.364	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	131479	49.591	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	129550	48.223	ug/l	98
89) n-Butylbenzene	12.335	91	201119	48.285	ug/l	96
90) Hexachloroethane	12.542	117	42795	46.993	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	126782	49.068	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18151	48.508	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	79851	52.506	ug/l	98
94) Hexachlorobutadiene	13.725	225	34971	47.891	ug/l	99
95) Naphthalene	13.780	128	268208	51.161	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81046	54.476	ug/l	99

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

