

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025537.D
 Acq On : 06 Dec 2021 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 05:54:51 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43803	49.622	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.240%		
35) Dibromofluoromethane	5.385	113	39322	49.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.653	98	141410	47.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.580%		
62) 4-Bromofluorobenzene	11.079	95	55358	48.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	40090	55.225	ug/l	97
3) Chloromethane	1.295	50	40393	44.939	ug/l	98
4) Vinyl Chloride	1.374	62	45635	46.243	ug/l	99
5) Bromomethane	1.599	94	25371	59.798	ug/l	96
6) Chloroethane	1.679	64	30543	44.856	ug/l	100
7) Trichlorofluoromethane	1.886	101	75067	51.249	ug/l	99
8) Diethyl Ether	2.136	74	29276	48.431	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	43912	56.344	ug/l	99
10) Methyl Iodide	2.453	142	38852	39.870	ug/l	93
11) Tert butyl alcohol	2.965	59	48288	220.075	ug/l	98
12) 1,1-Dichloroethene	2.319	96	40565	52.262	ug/l	89
13) Acrolein	2.240	56	10301	254.725	ug/l	99
14) Allyl chloride	2.666	41	68770	48.955	ug/l	97
15) Acrylonitrile	3.063	53	120338	254.041	ug/l	98
16) Acetone	2.380	43	140528	286.501	ug/l	96
17) Carbon Disulfide	2.514	76	92498	42.363	ug/l	97
18) Methyl Acetate	2.703	43	77064	49.174	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	143426	53.033	ug/l	97
20) Methylene Chloride	2.788	84	45868	49.746	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	43333	50.961	ug/l	88
22) Diisopropyl ether	3.764	45	141156	52.765	ug/l	96
23) Vinyl Acetate	3.721	43	561737	261.410	ug/l	97
24) 1,1-Dichloroethane	3.611	63	77856	53.262	ug/l	95
25) 2-Butanone	4.556	43	184000	259.464	ug/l	98
26) 2,2-Dichloropropane	4.477	77	69390	52.361	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	52562	52.934	ug/l	91
28) Bromochloromethane	4.898	49	34608	50.774	ug/l	94
29) Tetrahydrofuran	5.001	42	106451	242.435	ug/l	98
30) Chloroform	5.093	83	83973	55.201	ug/l	96
31) Cyclohexane	5.471	56	68691	50.356	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	74435	53.445	ug/l	98
36) 1,1-Dichloropropene	5.690	75	60071	53.119	ug/l	97
37) Ethyl Acetate	4.715	43	64425	50.072	ug/l	99
38) Carbon Tetrachloride	5.678	117	67702	54.354	ug/l	94
39) Methylcyclohexane	7.379	83	76036	52.418	ug/l	94
40) Benzene	6.038	78	180362	52.649	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35536	49.761	ug/l	97
42) 1,2-Dichloroethane	6.086	62	63030	56.545	ug/l	94
43) Isopropyl Acetate	6.342	43	108105	50.486	ug/l	99
44) Trichloroethene	7.123	130	53619	53.879	ug/l	90
45) 1,2-Dichloropropane	7.428	63	45275	53.810	ug/l	100
46) Dibromomethane	7.580	93	33629	55.057	ug/l	94
47) Bromodichloromethane	7.824	83	65369	54.459	ug/l	98
48) Methyl methacrylate	7.690	41	50454	50.205	ug/l	95
49) 1,4-Dioxane	7.659	88	19866	936.106	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	342146	254.821	ug/l	99
52) Toluene	8.720	92	117849	52.692	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	70261	52.637	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	76438	52.828	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	49423	55.599	ug/l	97
56) Ethyl methacrylate	9.116	69	73849	51.194	ug/l	97
57) 1,3-Dichloropropane	9.311	76	80683	54.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	181987	271.160	ug/l	95
59) 2-Hexanone	9.433	43	271716	256.689	ug/l	97
60) Dibromochloromethane	9.525	129	55652	54.395	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51983	53.993	ug/l	97
64) Tetrachloroethene	9.275	164	54833	55.460	ug/l	94
65) Chlorobenzene	10.080	112	133529	54.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50691	54.100	ug/l	99
67) Ethyl Benzene	10.195	91	230937	54.694	ug/l	98
68) m/p-Xylenes	10.305	106	185107	107.331	ug/l	94
69) o-Xylene	10.640	106	91151	54.000	ug/l	91
70) Styrene	10.659	104	153344	54.990	ug/l	97
71) Bromoform	10.799	173	41072	50.489	ug/l #	100
73) Isopropylbenzene	10.964	105	236767	52.867	ug/l	97
74) N-amyl acetate	10.842	43	94978	49.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	74377	51.343	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	66874m	51.968	ug/l	
77) Bromobenzene	11.201	156	60598	52.614	ug/l	95
78) n-propylbenzene	11.305	91	275948	54.892	ug/l	97
79) 2-Chlorotoluene	11.366	91	161840	52.880	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	200556	53.275	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23603	46.206	ug/l	92
82) 4-Chlorotoluene	11.457	91	187395	53.639	ug/l	96
83) tert-Butylbenzene	11.720	119	201372	52.636	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	201794	54.236	ug/l	96
85) sec-Butylbenzene	11.890	105	260243	55.953	ug/l	99
86) p-Isopropyltoluene	12.012	119	220139	55.087	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	116946	54.546	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	118010	54.321	ug/l	98
89) n-Butylbenzene	12.335	91	193061	57.317	ug/l	97
90) Hexachloroethane	12.543	117	36653	49.771	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113309	54.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15263	50.441	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	75816	61.648	ug/l	99
94) Hexachlorobutadiene	13.725	225	33383	56.533	ug/l	99
95) Naphthalene	13.780	128	233276	55.054	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74407	61.847	ug/l	99

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

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