

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO082820\
 Data File : VX018107.D
 Acq On : 28 Aug 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:17 AM

Quant Time: Aug 29 03:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	698703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1100605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1012793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	520986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	478117	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.47	113	377644	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.70	98	1389553	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.12	95	545431	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	422021	49.610	ug/l	99
3) Chloromethane	1.31	50	433922	48.382	ug/l	98
4) Vinyl Chloride	1.39	62	415138	46.499	ug/l	99
5) Bromomethane	1.62	94	204793	47.557	ug/l	95
6) Chloroethane	1.70	64	231778	48.336	ug/l	98
7) Trichlorofluoromethane	1.91	101	592262	48.651	ug/l	98
8) Diethyl Ether	2.17	74	202169	48.969	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	303304	46.085	ug/l	98
10) Methyl Iodide	2.49	142	418083	58.383	ug/l	97
11) Tert butyl alcohol	3.03	59	456471	242.033	ug/l	98
12) 1,1-Dichloroethene	2.36	96	296483	43.421	ug/l	99
13) Acrolein	2.28	56	279906	357.930	ug/l	98
14) Allyl chloride	2.70	41	648044	52.826	ug/l	99
15) Acrylonitrile	3.12	53	1093585	255.621	ug/l	100
16) Acetone	2.42	43	852760	225.620	ug/l	97
17) Carbon Disulfide	2.55	76	959842	46.501	ug/l	99
18) Methyl Acetate	2.75	43	483630	53.026	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1217160	51.978	ug/l	99
20) Methylene Chloride	2.83	84	387417	50.134	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	371323	49.085	ug/l	99
22) Diisopropyl ether	3.82	45	1271023	52.495	ug/l	# 88
23) Vinyl Acetate	3.79	43	5821555	270.213	ug/l	99
24) 1,1-Dichloroethane	3.67	63	696062	50.502	ug/l	97
25) 2-Butanone	4.64	43	1568784	252.554	ug/l	99
26) 2,2-Dichloropropane	4.55	77	623666	55.614	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	432561	49.628	ug/l	99
28) Bromochloromethane	4.98	49	321993	48.399	ug/l	98
29) Tetrahydrofuran	5.09	42	1014961	256.677	ug/l	100
30) Chloroform	5.18	83	708936	49.675	ug/l	96
31) Cyclohexane	5.55	56	598263	51.530	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	647297	49.424	ug/l	99
36) 1,1-Dichloropropene	5.77	75	537450	52.943	ug/l	99
37) Ethyl Acetate	4.79	43	615968	52.244	ug/l	99
38) Carbon Tetrachloride	5.76	117	583759	51.027	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	589858	53.139	ug/l	97
40) Benzene	6.12	78	1546263	51.838	ug/l	99
41) Methacrylonitrile	5.01	41	340914	52.661	ug/l	99
42) 1,2-Dichloroethane	6.16	62	599118	52.423	ug/l	99
43) Isopropyl Acetate	6.42	43	1015801	53.342	ug/l	100
44) Trichloroethene	7.19	130	436166	51.750	ug/l	100
45) 1,2-Dichloropropane	7.49	63	423850	52.722	ug/l	97
46) Dibromomethane	7.64	93	287688	50.888	ug/l	99
47) Bromodichloromethane	7.88	83	594816	52.694	ug/l	97
48) Methyl methacrylate	7.74	41	510611	53.862	ug/l	98
49) 1,4-Dioxane	7.71	88	183322	1067.555	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3133757	266.401	ug/l	100
52) Toluene	8.77	92	960777	50.796	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	680473	54.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	707232	53.364	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	410063	50.833	ug/l	99
56) Ethyl methacrylate	9.16	69	645708	53.844	ug/l	99
57) 1,3-Dichloropropane	9.35	76	686059	51.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1363666	252.781	ug/l	99
59) 2-Hexanone	9.48	43	2471967	276.363	ug/l	100
60) Dibromochloromethane	9.57	129	490773	51.862	ug/l	97
61) 1,2-Dibromoethane	9.65	107	446495	50.982	ug/l	98
64) Tetrachloroethene	9.32	164	392387	52.722	ug/l	91
65) Chlorobenzene	10.12	112	1083056	53.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	425421	53.362	ug/l	99
67) Ethyl Benzene	10.24	91	1906699	55.429	ug/l	100
68) m/p-Xylenes	10.34	106	1419813	110.583	ug/l	100
69) o-Xylene	10.68	106	678934	54.549	ug/l	98
70) Styrene	10.70	104	1185119	55.912	ug/l	99
71) Bromoform	10.84	173	368108	54.132	ug/l #	100
73) Isopropylbenzene	11.00	105	1814929	52.814	ug/l	99
74) N-amyl acetate	10.88	43	918857	56.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	619357	51.091	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	608229m	52.481	ug/l	
77) Bromobenzene	11.24	156	473439	49.840	ug/l	98
78) n-propylbenzene	11.34	91	2086566	53.475	ug/l	99
79) 2-Chlorotoluene	11.40	91	1283945	53.260	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1530034	54.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	240139	55.962	ug/l	97
82) 4-Chlorotoluene	11.49	91	1520013	53.038	ug/l	99
83) tert-Butylbenzene	11.76	119	1450736	52.056	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1572577	54.468	ug/l	100
85) sec-Butylbenzene	11.93	105	1671414	52.739	ug/l	100
86) p-Isopropyltoluene	12.05	119	1563913	53.722	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	851991	51.085	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	841362	50.384	ug/l	99
89) n-Butylbenzene	12.37	91	1395498	52.521	ug/l	99
90) Hexachloroethane	12.58	117	301786	52.691	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	791933	50.444	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	153062	50.496	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	502152	47.967	ug/l	97
94) Hexachlorobutadiene	13.76	225	199937	48.421	ug/l	95
95) Naphthalene	13.82	128	1845547	53.568	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	521448	50.410	ug/l	99

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

