

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019327.D
 Acq On : 05 Nov 2020 20:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:27 AM

Quant Time: Nov 06 02:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166649	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.46	113	131962	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.70	98	494329	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.12	95	192000	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107487	50.713	ug/l	99
3) Chloromethane	1.31	50	122234	51.621	ug/l	99
4) Vinyl Chloride	1.39	62	147927	53.868	ug/l	99
5) Bromomethane	1.64	94	90984	48.514	ug/l	100
6) Chloroethane	1.71	64	97085	55.371	ug/l	96
7) Trichlorofluoromethane	1.92	101	227262	52.677	ug/l	98
8) Diethyl Ether	2.17	74	93121	56.241	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125235	52.371	ug/l	99
10) Methyl Iodide	2.49	142	138415	49.161	ug/l	100
11) Tert butyl alcohol	3.03	59	191384	295.527	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130141	52.814	ug/l	99
13) Acrolein	2.28	56	92857	319.103	ug/l	98
14) Allyl chloride	2.71	41	211810	56.750	ug/l	98
15) Acrylonitrile	3.12	53	398050	292.502	ug/l	99
16) Acetone	2.42	43	329105	290.955	ug/l	99
17) Carbon Disulfide	2.55	76	344124	49.008	ug/l	100
18) Methyl Acetate	2.75	43	165719	60.249	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	488569	57.223	ug/l	99
20) Methylene Chloride	2.84	84	151690	53.418	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	147465	51.998	ug/l	94
22) Diisopropyl ether	3.82	45	440893	59.253	ug/l	96
23) Vinyl Acetate	3.78	43	1969851	296.869	ug/l	98
24) 1,1-Dichloroethane	3.67	63	262971	56.604	ug/l	100
25) 2-Butanone	4.64	43	528778	296.625	ug/l	97
26) 2,2-Dichloropropane	4.56	77	218135	49.945	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170966	53.948	ug/l	98
28) Bromochloromethane	4.98	49	114309	54.123	ug/l	94
29) Tetrahydrofuran	5.09	42	343323	305.607	ug/l	98
30) Chloroform	5.18	83	275373	55.687	ug/l	98
31) Cyclohexane	5.55	56	220490	53.199	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	246301	54.937	ug/l	99
36) 1,1-Dichloropropene	5.77	75	205026	50.588	ug/l	99
37) Ethyl Acetate	4.79	43	213147	56.644	ug/l	99
38) Carbon Tetrachloride	5.76	117	209225	50.647	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230000	47.462	ug/l	98
40) Benzene	6.11	78	607153	52.837	ug/l	100
41) Methacrylonitrile	5.00	41	112788	55.658	ug/l	98
42) 1,2-Dichloroethane	6.16	62	224269	52.956	ug/l	100
43) Isopropyl Acetate	6.41	43	350282	55.594	ug/l	99
44) Trichloroethene	7.19	130	162083	49.251	ug/l	96
45) 1,2-Dichloropropane	7.49	63	154554	54.913	ug/l	99
46) Dibromomethane	7.63	93	107213	51.514	ug/l	97
47) Bromodichloromethane	7.88	83	216795	52.847	ug/l	99
48) Methyl methacrylate	7.74	41	171563	56.573	ug/l	97
49) 1,4-Dioxane	7.73	88	71022	1053.084	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1054019	291.057	ug/l	99
52) Toluene	8.76	92	389012	52.563	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243397	51.946	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	260835	52.939	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155013	53.010	ug/l	100
56) Ethyl methacrylate	9.16	69	249930	56.585	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265427	53.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	645162	261.180	ug/l	98
59) 2-Hexanone	9.47	43	797818	289.420	ug/l	99
60) Dibromochloromethane	9.57	129	166866	52.581	ug/l	100
61) 1,2-Dibromoethane	9.65	107	164358	52.561	ug/l	98
64) Tetrachloroethene	9.32	164	142117	46.838	ug/l	98
65) Chlorobenzene	10.12	112	402123	49.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149804	51.122	ug/l	99
67) Ethyl Benzene	10.24	91	743729	51.276	ug/l	98
68) m/p-Xylenes	10.34	106	554655	101.889	ug/l	98
69) o-Xylene	10.68	106	266847	51.681	ug/l	99
70) Styrene	10.70	104	455832	51.741	ug/l	99
71) Bromoform	10.84	173	117312	50.493	ug/l	100
73) Isopropylbenzene	11.00	105	709005	51.038	ug/l	100
74) N-amyl acetate	10.88	43	303066	59.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	239328	55.126	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222228m	54.842	ug/l	
77) Bromobenzene	11.24	156	174151	50.512	ug/l	93
78) n-propylbenzene	11.34	91	817857	51.574	ug/l	99
79) 2-Chlorotoluene	11.40	91	488676	52.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	598609	51.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79306	51.531	ug/l	97
82) 4-Chlorotoluene	11.49	91	584759	51.291	ug/l	98
83) tert-Butylbenzene	11.76	119	575049	51.176	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620307	52.357	ug/l	99
85) sec-Butylbenzene	11.93	105	677150	50.245	ug/l	99
86) p-Isopropyltoluene	12.05	119	629542	50.609	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	313677	48.855	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	329624	49.319	ug/l	99
89) n-Butylbenzene	12.37	91	580692	49.664	ug/l	99
90) Hexachloroethane	12.58	117	105234	49.771	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	309439	50.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57749	54.336	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214351	46.287	ug/l	99
94) Hexachlorobutadiene	13.76	225	79745	39.118	ug/l	98
95) Naphthalene	13.82	128	761451	52.207	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	205354	45.710	ug/l	98

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

