

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019329.D
 Acq On : 06 Nov 2020 10:02
 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

MMDadoda
 11/9/2020 9:37:09 AM

Quant Time: Nov 07 01:32:19 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	5.62	168	271215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	447052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166724	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.46	113	132588	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	8.70	98	497170	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	11.12	95	200388	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	115256	50.975	ug/l	98
3) Chloromethane	1.31	50	124314	49.214	ug/l	100
4) Vinyl Chloride	1.39	62	153348	52.347	ug/l	97
5) Bromomethane	1.62	94	97611	48.791	ug/l	100
6) Chloroethane	1.71	64	101306	54.163	ug/l	97
7) Trichlorofluoromethane	1.92	101	241500	52.474	ug/l	97
8) Diethyl Ether	2.17	74	96049	54.379	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136847	53.646	ug/l	98
10) Methyl Iodide	2.49	142	141911	47.497	ug/l	100
11) Tert butyl alcohol	3.01	59	177476	256.900	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136773	52.031	ug/l	98
13) Acrolein	2.27	56	79210	256.302	ug/l	99
14) Allyl chloride	2.70	41	221178	55.551	ug/l	99
15) Acrylonitrile	3.11	53	396925	273.422	ug/l	100
16) Acetone	2.42	43	349081	289.302	ug/l	99
17) Carbon Disulfide	2.55	76	363030	48.473	ug/l	100
18) Methyl Acetate	2.75	43	162648	55.432	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	499464	54.838	ug/l	99
20) Methylene Chloride	2.83	84	156515	51.667	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	154124	50.945	ug/l	96
22) Diisopropyl ether	3.82	45	455848	57.429	ug/l	97
23) Vinyl Acetate	3.78	43	2003166	282.997	ug/l	98
24) 1,1-Dichloroethane	3.67	63	271780	54.839	ug/l	99
25) 2-Butanone	4.62	43	535626	281.663	ug/l	99
26) 2,2-Dichloropropane	4.54	77	256115	54.972	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	176373	52.171	ug/l	95
28) Bromochloromethane	4.98	49	112676	50.011	ug/l	93
29) Tetrahydrofuran	5.08	42	333759	278.501	ug/l	97
30) Chloroform	5.17	83	286978	54.402	ug/l	99
31) Cyclohexane	5.54	56	236351	53.457	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	257720	53.887	ug/l	100
36) 1,1-Dichloropropene	5.76	75	219574	53.189	ug/l	99
37) Ethyl Acetate	4.78	43	206625	53.908	ug/l	99
38) Carbon Tetrachloride	5.75	117	222146	52.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	258639	52.397	ug/l	98
40) Benzene	6.11	78	624587	53.362	ug/l	99
41) Methacrylonitrile	5.00	41	110372	53.471	ug/l	99
42) 1,2-Dichloroethane	6.15	62	231961	53.773	ug/l	100
43) Isopropyl Acetate	6.40	43	346815	54.038	ug/l	99
44) Trichloroethene	7.18	130	172173	51.362	ug/l	95
45) 1,2-Dichloropropane	7.48	63	159169	55.520	ug/l	97
46) Dibromomethane	7.63	93	111427	52.561	ug/l	97
47) Bromodichloromethane	7.87	83	229823	55.000	ug/l	98
48) Methyl methacrylate	7.74	41	170054	55.051	ug/l	98
49) 1,4-Dioxane	7.71	88	69525	1012.064	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1030128	279.265	ug/l	99
52) Toluene	8.76	92	405763	53.825	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	260181	54.514	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	276591	55.111	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160094	53.748	ug/l	99
56) Ethyl methacrylate	9.16	69	251984	56.009	ug/l	98
57) 1,3-Dichloropropane	9.35	76	273305	54.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	654615	260.168	ug/l	97
59) 2-Hexanone	9.47	43	808877	288.074	ug/l	99
60) Dibromochloromethane	9.56	129	172959	53.506	ug/l	98
61) 1,2-Dibromoethane	9.65	107	170416	53.503	ug/l	98
64) Tetrachloroethene	9.32	164	161741	52.253	ug/l	98
65) Chlorobenzene	10.12	112	428260	51.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155043	51.865	ug/l	98
67) Ethyl Benzene	10.23	91	787419	53.216	ug/l	100
68) m/p-Xylenes	10.34	106	591113	106.441	ug/l	97
69) o-Xylene	10.68	106	280723	53.295	ug/l	99
70) Styrene	10.70	104	489182	54.430	ug/l	99
71) Bromoform	10.84	173	124341	52.461	ug/l #	99
73) Isopropylbenzene	11.00	105	774931	51.086	ug/l	99
74) N-amyl acetate	10.88	43	298803	53.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	248300	52.376	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	242058m	54.705	ug/l	
77) Bromobenzene	11.24	156	187179	49.719	ug/l	94
78) n-propylbenzene	11.34	91	903281	52.165	ug/l	99
79) 2-Chlorotoluene	11.40	91	533372	52.319	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	665844	51.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84959	50.555	ug/l	98
82) 4-Chlorotoluene	11.49	91	638163	51.262	ug/l	99
83) tert-Butylbenzene	11.76	119	624544	50.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	668908	51.704	ug/l	99
85) sec-Butylbenzene	11.93	105	757759	51.491	ug/l	99
86) p-Isopropyltoluene	12.05	119	704090	51.835	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	357264	50.958	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	364485	49.943	ug/l	100
89) n-Butylbenzene	12.37	91	665022	52.086	ug/l	99
90) Hexachloroethane	12.58	117	121043	52.427	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	340730	50.612	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56977	49.095	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231985	45.876	ug/l	95
94) Hexachlorobutadiene	13.76	225	96434	43.322	ug/l	98
95) Naphthalene	13.82	128	766883	48.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	224094	45.681	ug/l	99

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

