

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016847.D
 Acq On : 18 Jun 2020 18:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:15 PM

Quant Time: Jun 19 12:23:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175637	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.46	113	125336	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
50) Toluene-d8	8.70	98	513558	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
62) 4-Bromofluorobenzene	11.12	95	184658	41.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	210885	60.925	ug/l	98
3) Chloromethane	1.31	50	196730	56.051	ug/l	100
4) Vinyl Chloride	1.39	62	209658	53.001	ug/l	97
5) Bromomethane	1.62	94	119646	50.232	ug/l	99
6) Chloroethane	1.71	64	120622	49.510	ug/l	99
7) Trichlorofluoromethane	1.92	101	278145	50.262	ug/l	100
8) Diethyl Ether	2.17	74	104105	48.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128055	43.443	ug/l	98
10) Methyl Iodide	2.49	142	149793	53.380	ug/l	98
11) Tert butyl alcohol	3.01	59	151627	264.408	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127242	42.215	ug/l	100
13) Acrolein	2.27	56	81911	235.590	ug/l	100
14) Allyl chloride	2.71	41	200594	50.313	ug/l	98
15) Acrylonitrile	3.12	53	339328	258.215	ug/l	99
16) Acetone	2.42	43	268452	218.000	ug/l	99
17) Carbon Disulfide	2.55	76	363239	46.632	ug/l	99
18) Methyl Acetate	2.75	43	165462	52.840	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	436417	50.806	ug/l	100
20) Methylene Chloride	2.84	84	140259	47.496	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137406	48.294	ug/l	99
22) Diisopropyl ether	3.82	45	386010	50.533	ug/l	98
23) Vinyl Acetate	3.78	43	1624779	257.948	ug/l	100
24) 1,1-Dichloroethane	3.67	63	235969	49.453	ug/l	99
25) 2-Butanone	4.64	43	438595	258.794	ug/l	99
26) 2,2-Dichloropropane	4.55	77	214279	47.933	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	155683	48.683	ug/l	99
28) Bromochloromethane	4.98	49	93439	47.182	ug/l	96
29) Tetrahydrofuran	5.09	42	284238	266.300	ug/l	99
30) Chloroform	5.18	83	245106	48.657	ug/l	100
31) Cyclohexane	5.54	56	231876	55.275	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	233556	48.986	ug/l	100
36) 1,1-Dichloropropene	5.77	75	217697	51.793	ug/l	98
37) Ethyl Acetate	4.79	43	175290	47.200	ug/l	99
38) Carbon Tetrachloride	5.75	117	228629	48.477	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	285789	58.477	ug/l	99
40) Benzene	6.11	78	651671	51.671	ug/l	98
41) Methacrylonitrile	5.01	41	96401	47.814	ug/l	99
42) 1,2-Dichloroethane	6.16	62	212769	47.409	ug/l	100
43) Isopropyl Acetate	6.41	43	333624	51.443	ug/l	100
44) Trichloroethene	7.19	130	202643	52.464	ug/l	100
45) 1,2-Dichloropropane	7.49	63	176875	55.787	ug/l	96
46) Dibromomethane	7.64	93	114707	53.349	ug/l	98
47) Bromodichloromethane	7.87	83	229606	50.210	ug/l	98
48) Methyl methacrylate	7.74	41	177801	58.222	ug/l	99
49) 1,4-Dioxane	7.71	88	84338	1233.717	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1039089	266.389	ug/l	100
52) Toluene	8.77	92	366409	43.794	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	225254	44.806	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	259470	48.245	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	140674	44.532	ug/l	99
56) Ethyl methacrylate	9.16	69	217846	47.637	ug/l	99
57) 1,3-Dichloropropane	9.35	76	235377	43.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	585580	275.196	ug/l	98
59) 2-Hexanone	9.48	43	668652	236.714	ug/l	100
60) Dibromochloromethane	9.57	129	168799	44.544	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152184	44.392	ug/l	100
64) Tetrachloroethene	9.32	164	175085	50.567	ug/l	96
65) Chlorobenzene	10.12	112	392692	51.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	152432	51.946	ug/l	99
67) Ethyl Benzene	10.24	91	680379	53.259	ug/l	100
68) m/p-Xylenes	10.34	106	528279	106.269	ug/l	100
69) o-Xylene	10.68	106	252121	54.850	ug/l	99
70) Styrene	10.70	104	446774	57.205	ug/l	99
71) Bromoform	10.84	173	137026	55.541	ug/l #	99
73) Isopropylbenzene	11.00	105	686069	47.826	ug/l	100
74) N-amyl acetate	10.88	43	261366	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	187468	46.281	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	194969m	47.915	ug/l	
77) Bromobenzene	11.24	156	184368	47.126	ug/l	99
78) n-propylbenzene	11.34	91	763105	47.666	ug/l	99
79) 2-Chlorotoluene	11.40	91	467012	47.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595715	48.131	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75601	45.498	ug/l	99
82) 4-Chlorotoluene	11.49	91	552676	47.031	ug/l	99
83) tert-Butylbenzene	11.76	119	613184	50.072	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	661584	51.891	ug/l	99
85) sec-Butylbenzene	11.93	105	758534	53.333	ug/l	100
86) p-Isopropyltoluene	12.05	119	749452	57.513	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	381093	53.318	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	365533	50.568	ug/l	98
89) n-Butylbenzene	12.37	91	622198	55.680	ug/l	100
90) Hexachloroethane	12.58	117	125527	53.476	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	354603	51.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45536	47.412	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	212291	45.817	ug/l	96
94) Hexachlorobutadiene	13.77	225	100313	47.978	ug/l	97
95) Naphthalene	13.82	128	694660	51.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218760	47.343	ug/l	99

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

