

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016749.D
 Acq On : 15 Jun 2020 12:18
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:10 PM

Quant Time: Jun 15 12:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142150	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	116463	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	442633	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	167603	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	149366	57.531	ug/l	100
3) Chloromethane	1.31	50	137752	45.454	ug/l	100
4) Vinyl Chloride	1.39	62	153226	47.562	ug/l	100
5) Bromomethane	1.62	94	87045	53.506	ug/l	100
6) Chloroethane	1.71	64	92384	49.024	ug/l	100
7) Trichlorofluoromethane	1.92	101	228015	52.931	ug/l	100
8) Diethyl Ether	2.17	74	81454	46.184	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114380	48.970	ug/l	100
10) Methyl Iodide	2.49	142	140669	55.134	ug/l	100
11) Tert butyl alcohol	3.01	59	173113	217.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	120282	48.551	ug/l	100
13) Acrolein	2.27	56	72610	212.189	ug/l	100
14) Allyl chloride	2.71	41	188925	42.632	ug/l	100
15) Acrylonitrile	3.12	53	355407	217.576	ug/l	100
16) Acetone	2.42	43	299514	219.282	ug/l	100
17) Carbon Disulfide	2.55	76	346714	47.460	ug/l	100
18) Methyl Acetate	2.75	43	173901	48.717	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	414640	47.184	ug/l	100
20) Methylene Chloride	2.84	84	131997	45.982	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	130319	47.791	ug/l	100
22) Diisopropyl ether	3.82	45	362324	42.741	ug/l	100
23) Vinyl Acetate	3.78	43	1556429	211.304	ug/l	100
24) 1,1-Dichloroethane	3.67	63	223815	46.053	ug/l	100
25) 2-Butanone	4.64	43	480480	209.994	ug/l	100
26) 2,2-Dichloropropane	4.55	77	209978	51.260	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	145423	46.327	ug/l	100
28) Bromochloromethane	4.98	49	91055	40.595	ug/l	100
29) Tetrahydrofuran	5.09	42	310547	210.406	ug/l	100
30) Chloroform	5.18	83	235793	47.749	ug/l	100
31) Cyclohexane	5.55	56	189642	43.829	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	224053	49.799	ug/l	100
36) 1,1-Dichloropropene	5.77	75	175270	48.329	ug/l	100
37) Ethyl Acetate	4.79	43	182509	42.896	ug/l	100
38) Carbon Tetrachloride	5.76	117	201444	52.142	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	196825	49.752	ug/l	100
40) Benzene	6.12	78	519378	48.199	ug/l	100
41) Methacrylonitrile	5.01	41	97364	41.654	ug/l	100
42) 1,2-Dichloroethane	6.17	62	186577	48.626	ug/l	100
43) Isopropyl Acetate	6.42	43	290881	43.715	ug/l	100
44) Trichloroethene	7.19	130	160673	46.931	ug/l	100
45) 1,2-Dichloropropane	7.49	63	128113	46.942	ug/l	100
46) Dibromomethane	7.64	93	91080	49.186	ug/l	100
47) Bromodichloromethane	7.88	83	192260	50.097	ug/l	100
48) Methyl methacrylate	7.74	41	139723	43.944	ug/l	100
49) 1,4-Dioxane	7.71	88	69349	923.716	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	924019	223.569	ug/l	100
52) Toluene	8.76	92	338735	49.613	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	220340	50.491	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	226883	49.304	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	135379	49.751	ug/l	100
56) Ethyl methacrylate	9.16	69	211740	48.418	ug/l	100
57) 1,3-Dichloropropane	9.35	76	223995	48.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	529092	231.990	ug/l	100
59) 2-Hexanone	9.47	43	722629	225.117	ug/l	100
60) Dibromochloromethane	9.57	129	163675	53.008	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149470	51.097	ug/l	100
64) Tetrachloroethene	9.32	164	175154	43.697	ug/l	100
65) Chlorobenzene	10.12	112	368975	49.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148689	51.848	ug/l	100
67) Ethyl Benzene	10.24	91	643588	48.887	ug/l	100
68) m/p-Xylenes	10.34	106	499167	101.722	ug/l	100
69) o-Xylene	10.68	106	238832	50.216	ug/l	100
70) Styrene	10.70	104	417419	51.184	ug/l	100
71) Bromoform	10.84	173	127846	52.987	ug/l	100
73) Isopropylbenzene	11.00	105	638851	49.130	ug/l	100
74) N-amyl acetate	10.88	43	248505	42.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	174839	53.038	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	191658m	46.833	ug/l	
77) Bromobenzene	11.24	156	170393	49.599	ug/l	100
78) n-propylbenzene	11.34	91	702295	48.554	ug/l	100
79) 2-Chlorotoluene	11.40	91	425647	48.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	539408	49.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77355	46.598	ug/l	100
82) 4-Chlorotoluene	11.49	91	494660	47.524	ug/l	100
83) tert-Butylbenzene	11.76	119	490693	52.390	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	542913	49.493	ug/l	100
85) sec-Butylbenzene	11.93	105	586764	50.254	ug/l	100
86) p-Isopropyltoluene	12.05	119	563062	51.364	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293907	49.516	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	297950	49.079	ug/l	100
89) n-Butylbenzene	12.37	91	460244	50.602	ug/l	100
90) Hexachloroethane	12.58	117	98325	51.754	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285481	49.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49676	47.292	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198291	51.616	ug/l	100
94) Hexachlorobutadiene	13.77	225	90581	57.977	ug/l	100
95) Naphthalene	13.82	128	661882	50.634	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199956	52.689	ug/l	100

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

