

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016843.D
 Acq On : 18 Jun 2020 12:32
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:07 PM

Quant Time: Jun 18 13:01:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	406406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	516775	156.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.54%	
35) Dibromofluoromethane	5.46	113	359455	142.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.86%	
50) Toluene-d8	8.70	98	1429735	152.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.54%	
62) 4-Bromofluorobenzene	11.12	95	550007	153.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	542281	186.763	ug/l	99
3) Chloromethane	1.31	50	513404	166.473	ug/l	100
4) Vinyl Chloride	1.39	62	544725	160.631	ug/l	98
5) Bromomethane	1.62	94	278823	131.404	ug/l	98
6) Chloroethane	1.70	64	326284	157.982	ug/l	99
7) Trichlorofluoromethane	1.90	101	753096	157.120	ug/l	99
8) Diethyl Ether	2.17	74	286076	145.822	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	364291	148.720	ug/l	98
10) Methyl Iodide	2.49	142	430161	145.077	ug/l	99
11) Tert butyl alcohol	3.03	59	397526	530.028	ug/l	99
12) 1,1-Dichloroethene	2.35	96	368092	131.958	ug/l	99
13) Acrolein	2.27	56	235049	653.681	ug/l	99
14) Allyl chloride	2.70	41	533997	126.175	ug/l	100
15) Acrylonitrile	3.12	53	895515	574.436	ug/l	100
16) Acetone	2.42	43	730800	527.630	ug/l	99
17) Carbon Disulfide	2.54	76	1010283	130.116	ug/l	99
18) Methyl Acetate	2.75	43	429438	116.171	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1181067	127.925	ug/l	99
20) Methylene Chloride	2.83	84	375926	123.157	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	376612	128.861	ug/l	96
22) Diisopropyl ether	3.82	45	1082639	135.855	ug/l	98
23) Vinyl Acetate	3.79	43	4471370	651.312	ug/l	99
24) 1,1-Dichloroethane	3.67	63	642690	128.803	ug/l	99
25) 2-Butanone	4.64	43	1151653	553.357	ug/l	100
26) 2,2-Dichloropropane	4.55	77	585074	126.671	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	423620	126.725	ug/l	100
28) Bromochloromethane	4.98	49	249165	117.353	ug/l	99
29) Tetrahydrofuran	5.09	42	739800	549.235	ug/l	99
30) Chloroform	5.18	83	675273	127.948	ug/l	97
31) Cyclohexane	5.55	56	588910	156.392	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	639583	133.559	ug/l	100
36) 1,1-Dichloropropene	5.77	75	573038	159.887	ug/l	98
37) Ethyl Acetate	4.79	43	467985	121.597	ug/l	100
38) Carbon Tetrachloride	5.76	117	637828	156.714	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	629972	162.301	ug/l	97
40) Benzene	6.12	78	1896460	173.565	ug/l	100
41) Methacrylonitrile	5.00	41	254848	123.520	ug/l	99
42) 1,2-Dichloroethane	6.16	62	644858	161.779	ug/l	100
43) Isopropyl Acetate	6.42	43	1015486	164.763	ug/l	99
44) Trichloroethene	7.19	130	451928	129.715	ug/l	98
45) 1,2-Dichloropropane	7.49	63	370722	137.493	ug/l	98
46) Dibromomethane	7.64	93	259784	133.252	ug/l	99
47) Bromodichloromethane	7.88	83	560636	138.049	ug/l	100
48) Methyl methacrylate	7.75	41	391874	135.648	ug/l	98
49) 1,4-Dioxane	7.72	88	182778	2580.782	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	2502999	668.671	ug/l	99
52) Toluene	8.76	92	1127878	158.647	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	659481	144.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	670791	140.032	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	396272	137.314	ug/l	98
56) Ethyl methacrylate	9.16	69	631474	145.776	ug/l	99
57) 1,3-Dichloropropane	9.35	76	666726	137.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1475947	708.799	ug/l	100
59) 2-Hexanone	9.48	43	1764512	614.209	ug/l	98
60) Dibromochloromethane	9.57	129	499618	146.305	ug/l	99
61) 1,2-Dibromoethane	9.65	107	425891	136.905	ug/l	98
64) Tetrachloroethene	9.32	164	456335	120.696	ug/l	97
65) Chlorobenzene	10.12	112	1236606	153.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	491374	154.567	ug/l	99
67) Ethyl Benzene	10.24	91	2105032	155.883	ug/l	99
68) m/p-Xylenes	10.34	106	1835602	359.756	ug/l	100
69) o-Xylene	10.68	106	757860	154.562	ug/l	98
70) Styrene	10.70	104	1344332	158.689	ug/l	100
71) Bromoform	10.84	173	407810	151.263	ug/l #	98
73) Isopropylbenzene	11.01	105	1976930	156.036	ug/l	100
74) N-amyl acetate	10.88	43	758301	155.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	540585	145.759	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	508558m	126.954	ug/l	
77) Bromobenzene	11.24	156	517867	144.703	ug/l	100
78) n-propylbenzene	11.35	91	2246610	162.404	ug/l	100
79) 2-Chlorotoluene	11.41	91	1344521	154.022	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1738484	162.851	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	218356	138.187	ug/l	97
82) 4-Chlorotoluene	11.49	91	1579338	153.886	ug/l	99
83) tert-Butylbenzene	11.76	119	1640172	167.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1721913	159.373	ug/l	99
85) sec-Butylbenzene	11.93	105	1921272	167.988	ug/l	100
86) p-Isopropyltoluene	12.05	119	1835538	166.880	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	927468	152.240	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	933111	148.412	ug/l	98
89) n-Butylbenzene	12.37	91	1745262	191.511	ug/l	100
90) Hexachloroethane	12.58	117	361280	176.818	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	996535	164.870	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	133410	130.321	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	680433	157.783	ug/l	98
94) Hexachlorobutadiene	13.77	225	297654	154.440	ug/l	98
95) Naphthalene	13.82	128	2059786	155.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	662129	154.475	ug/l	99

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

