

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010348.D
 Acq On : 19 Jun 2019 14:14
 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
 6/20/2019 1:23:37 PM

Quant Time: Jun 20 03:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	405456	147.58	ug/l	0.00
Spiked Amount						
			Recovery	=	295.16%	
35) Dibromofluoromethane	5.50	113	399698	150.44	ug/l	0.00
Spiked Amount						
			Recovery	=	300.88%	
50) Toluene-d8	8.71	98	1517540	152.14	ug/l	0.00
Spiked Amount						
			Recovery	=	304.28%	
62) 4-Bromofluorobenzene	11.13	95	565157	152.75	ug/l	0.00
Spiked Amount						
			Recovery	=	305.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	296845	121.519	ug/l	100
3) Chloromethane	1.32	50	337872	134.319	ug/l	99
4) Vinyl Chloride	1.41	62	371621	154.078	ug/l	98
5) Bromomethane	1.64	94	161789	168.277	ug/l	100
7) Trichlorofluoromethane	1.92	101	608443	166.468	ug/l	99
8) Diethyl Ether	2.19	74	210358	164.726	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	355752	144.232	ug/l	100
10) Methyl Iodide	2.50	142	568099	150.725	ug/l	99
11) Tert butyl alcohol	3.07	59	492925	733.255	ug/l	99
12) 1,1-Dichloroethene	2.36	96	371289	147.227	ug/l	99
13) Acrolein	2.29	56	346361	1900.638	ug/l	99
14) Allvl chloride	2.72	41	548019	144.692	ug/l	100
15) Acrylonitrile	3.15	53	1057620	766.629	ug/l	100
16) Acetone	2.45	43	1004925	762.946	ug/l	99
17) Carbon Disulfide	2.56	76	1019253	140.954	ug/l	99
18) Methyl Acetate	2.78	43	406638	143.706	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1186510	146.745	ug/l	99
20) Methylene Chloride	2.85	84	417243	147.236	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	399435	143.368	ug/l	98
22) Diisopropyl ether	3.86	45	1114296	152.913	ug/l	88
23) Vinyl Acetate	3.82	43	5046429	776.092	ug/l	100
24) 1,1-Dichloroethane	3.70	63	649513	146.995	ug/l	100
25) 2-Butanone	4.68	43	1517483	782.260	ug/l	98
26) 2,2-Dichloropropane	4.58	77	550361	137.983	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	467612	150.333	ug/l	100
28) Bromochloromethane	5.01	49	292990	147.046	ug/l	99
29) Tetrahydrofuran	5.13	42	930977	766.563	ug/l	100
30) Chloroform	5.21	83	692822	150.922	ug/l	97
31) Cyclohexane	5.57	56	583829	147.277	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	625877	145.276	ug/l	100
36) 1,1-Dichloropropene	5.80	75	513253	147.165	ug/l	99
37) Ethyl Acetate	4.84	43	557885	153.035	ug/l	99
38) Carbon Tetrachloride	5.78	117	578813	146.899	ug/l	97
39) Methylcyclohexane	7.46	83	672743	142.154	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1608640	148.824	ug/l	100
41) Methacrylonitrile	5.05	41	296462	150.830	ug/l	100
42) 1,2-Dichloroethane	6.19	62	504271	146.695	ug/l	99
43) Isopropyl Acetate	6.45	43	923612	152.182	ug/l	99
44) Trichloroethene	7.21	130	483928	148.369	ug/l	100
45) 1,2-Dichloropropane	7.51	63	405544	149.909	ug/l	100
46) Dibromomethane	7.66	93	297487	146.658	ug/l	99
47) Bromodichloromethane	7.90	83	566039	150.305	ug/l	99
48) Methyl methacrylate	7.77	41	443168	156.675	ug/l	99
49) 1,4-Dioxane	7.74	88	231824	2864.819	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2826985	775.697	ug/l	99
52) Toluene	8.79	92	1061210	148.938	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	654689	151.153	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	690033	147.906	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	445598	152.871	ug/l	100
56) Ethyl methacrylate	9.18	69	702638	153.540	ug/l	99
57) 1,3-Dichloropropane	9.37	76	697397	152.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1624569	751.991	ug/l	99
59) 2-Hexanone	9.49	43	2242078	770.604	ug/l	99
60) Dibromochloromethane	9.58	129	532574	155.457	ug/l	100
61) 1,2-Dibromoethane	9.67	107	490227	151.403	ug/l	100
64) Tetrachloroethene	9.34	164	446313	149.195	ug/l	100
65) Chlorobenzene	10.14	112	1219141	149.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	469536	149.989	ug/l	99
67) Ethyl Benzene	10.25	91	2074230	149.099	ug/l	100
68) m/p-Xylenes	10.36	106	1582268	293.623	ug/l	99
69) o-Xylene	10.70	106	779862	145.867	ug/l	100
70) Stvrene	10.71	104	1359525	150.364	ug/l	99
71) Bromoform	10.86	173	435236	151.791	ug/l #	100
73) Isopropylbenzene	11.02	105	2075723	146.721	ug/l	99
74) N-amyl acetate	10.90	43	851064	152.231	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	694528	143.671	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	551135m	136.675	ug/l	
77) Bromobenzene	11.26	156	562918	144.349	ug/l	98
78) n-propylbenzene	11.36	91	2349323	149.109	ug/l	100
79) 2-Chlorotoluene	11.42	91	1360237	144.115	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1715867	143.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	265451	147.376	ug/l	98
82) 4-Chlorotoluene	11.51	91	1584382	147.727	ug/l	99
83) tert-Butylbenzene	11.77	119	1766049	146.615	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1769004	146.689	ug/l	100
85) sec-Butylbenzene	11.94	105	2061056	146.580	ug/l	99
86) p-Isopropyltoluene	12.06	119	1917268	148.946	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1024520	149.438	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1013556	146.145	ug/l	100
89) n-Butylbenzene	12.38	91	1693263	152.962	ug/l	99
90) Hexachloroethane	12.60	117	367506	145.400	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	981890	146.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	158215	140.903	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	738551	150.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	344472	155.922	ug/l	99
95) Naphthalene	13.83	128	2297783	149.782	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	729657	150.531	ug/l	99

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

