

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019128.D
 Acq On : 26 Oct 2020 19:16
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:35 PM

Quant Time: Oct 27 05:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 19:43:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	167377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	256593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294216	147.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.34%	
35) Dibromofluoromethane	5.46	113	265483	157.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.30%	
50) Toluene-d8	8.70	98	1026322	157.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.50%	
62) 4-Bromofluorobenzene	11.12	95	386684	167.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	199779	150.685	ug/l	99
3) Chloromethane	1.31	50	202673	143.216	ug/l	98
4) Vinyl Chloride	1.39	62	260825	145.494	ug/l	100
5) Bromomethane	1.62	94	108603	95.640	ug/l	99
6) Chloroethane	1.70	64	181834	149.183	ug/l	99
7) Trichlorofluoromethane	1.91	101	466202	151.207	ug/l	99
8) Diethyl Ether	2.17	74	180758	148.680	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	230134	149.103	ug/l	100
10) Methyl Iodide	2.49	142	301601	149.181	ug/l	98
11) Tert butyl alcohol	3.04	59	297775	731.860	ug/l	100
12) 1,1-Dichloroethene	2.35	96	239267	153.031	ug/l	100
13) Acrolein	2.27	56	135026	751.956	ug/l	98
14) Allyl chloride	2.70	41	301596	150.071	ug/l	99
15) Acrylonitrile	3.12	53	616717	759.900	ug/l	100
16) Acetone	2.42	43	461906	716.889	ug/l	99
17) Carbon Disulfide	2.54	76	664640	153.722	ug/l	100
18) Methyl Acetate	2.75	43	227621	143.641	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	820195	153.042	ug/l	99
20) Methylene Chloride	2.83	84	271282	144.156	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	279998	151.766	ug/l	96
22) Diisopropyl ether	3.82	45	660502	153.819	ug/l	99
23) Vinyl Acetate	3.78	43	2941768	781.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	434903	152.991	ug/l	99
25) 2-Butanone	4.64	43	764877	743.376	ug/l	99
26) 2,2-Dichloropropane	4.54	77	403286	150.765	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	315849	152.568	ug/l	98
28) Bromochloromethane	4.98	49	192191	156.379	ug/l	97
29) Tetrahydrofuran	5.09	42	498004	761.338	ug/l	100
30) Chloroform	5.18	83	485864	153.302	ug/l	98
31) Cyclohexane	5.55	56	368475	148.676	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	443720	157.077	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365155	153.358	ug/l	99
37) Ethyl Acetate	4.79	43	305898	148.817	ug/l	99
38) Carbon Tetrachloride	5.76	117	390475	159.369	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	459118	156.854	ug/l	98
40) Benzene	6.11	78	1078968	153.905	ug/l	100
41) Methacrylonitrile	5.01	41	161436	152.949	ug/l	99
42) 1,2-Dichloroethane	6.16	62	362283	153.358	ug/l	100
43) Isopropyl Acetate	6.41	43	518728	154.232	ug/l	99
44) Trichloroethene	7.18	130	312478	154.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	254302	155.361	ug/l	99
46) Dibromomethane	7.63	93	194729	156.858	ug/l	99
47) Bromodichloromethane	7.87	83	391817	162.402	ug/l	99
48) Methyl methacrylate	7.74	41	247994	157.606	ug/l	100
49) 1,4-Dioxane	7.72	88	135591	3205.633	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1568753	798.099	ug/l	99
52) Toluene	8.77	92	724031	159.179	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	444910	166.936	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	463230	162.863	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289593	159.966	ug/l	99
56) Ethyl methacrylate	9.16	69	433923	167.849	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459258	155.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1086086	777.262	ug/l	100
59) 2-Hexanone	9.48	43	1209196	810.219	ug/l	100
60) Dibromochloromethane	9.57	129	336032	150.723	ug/l	99
61) 1,2-Dibromoethane	9.65	107	312884	162.492	ug/l	100
64) Tetrachloroethene	9.32	164	281369	142.854	ug/l	96
65) Chlorobenzene	10.12	112	800410	156.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	293843	160.442	ug/l	99
67) Ethyl Benzene	10.24	91	1373840	153.442	ug/l	98
68) m/p-Xylenes	10.34	106	1092633	316.036	ug/l	99
69) o-Xylene	10.68	106	535819	161.725	ug/l	96
70) Styrene	10.70	104	926846	167.824	ug/l	99
71) Bromoform	10.84	173	264171	151.019	ug/l #	99
73) Isopropylbenzene	11.00	105	1429221	150.998	ug/l	100
74) N-amyl acetate	10.88	43	468554	157.649	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	443506	149.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	383188m	139.208	ug/l	
77) Bromobenzene	11.24	156	374212	157.495	ug/l	98
78) n-propylbenzene	11.35	91	1611668	151.941	ug/l	99
79) 2-Chlorotoluene	11.41	91	933642	150.248	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1212612	155.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	160082	167.094	ug/l	98
82) 4-Chlorotoluene	11.49	91	1133980	154.157	ug/l	98
83) tert-Butylbenzene	11.76	119	1184105	155.189	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1232391	156.261	ug/l	98
85) sec-Butylbenzene	11.93	105	1424098	155.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	1361666	160.595	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	693714	157.009	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	692944	150.461	ug/l	99
89) n-Butylbenzene	12.37	91	1227080	158.400	ug/l	99
90) Hexachloroethane	12.58	117	244904	173.057	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656769	152.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99204	155.488	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	475509	158.766	ug/l	100
94) Hexachlorobutadiene	13.76	225	205777	153.992	ug/l	98
95) Naphthalene	13.82	128	1511794	159.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	468779	159.417	ug/l	97

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

