

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012250.D
 Acq On : 10 Sep 2019 11:22
 Operator : SY/SP
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:00:37 AM

Quant Time: Sep 10 19:16:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 11:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	141916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	307301	145.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.80%	
35) Dibromofluoromethane	5.48	113	246540	143.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.24%	
50) Toluene-d8	8.71	98	908247	151.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.56%	
62) 4-Bromofluorobenzene	11.13	95	393551	141.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	150281	132.465	ug/l	99
3) Chloromethane	1.31	50	147395	134.807	ug/l	99
4) Vinyl Chloride	1.40	62	150047	143.292	ug/l	100
6) Chloroethane	1.70	64	93036	141.526	ug/l	99
7) Trichlorofluoromethane	1.90	101	252309	141.647	ug/l	100
8) Diethyl Ether	2.17	74	94683	119.611	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	181066	136.457	ug/l	99
10) Methyl Iodide	2.49	142	208884	160.289	ug/l	100
11) Tert butyl alcohol	3.04	59	160381	816.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	156847	140.345	ug/l	97
13) Acrolein	2.28	56	78597	659.773	ug/l	96
14) Allvl chloride	2.71	41	331080	143.550	ug/l	98
15) Acrylonitrile	3.13	53	309343	707.109	ug/l	99
16) Acetone	2.44	43	318421	712.875	ug/l	97
17) Carbon Disulfide	2.55	76	330649	143.759	ug/l	100
18) Methyl Acetate	2.76	43	151495	133.475	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	650611	141.524	ug/l	99
20) Methylene Chloride	2.84	84	213945	114.148	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184604	136.467	ug/l	98
22) Diisopropyl ether	3.84	45	761493	141.612	ug/l	100
23) Vinyl Acetate	3.80	43	2443474	744.313	ug/l	99
24) 1,1-Dichloroethane	3.68	63	398653	138.888	ug/l	99
25) 2-Butanone	4.66	43	442974	723.366	ug/l	100
26) 2,2-Dichloropropane	4.56	77	361579	135.833	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245973	138.011	ug/l	99
28) Bromochloromethane	5.00	49	190876	144.992	ug/l	99
29) Tetrahydrofuran	5.11	42	268127	721.937	ug/l	99
30) Chloroform	5.20	83	437793	133.304	ug/l	99
31) Cyclohexane	5.56	56	259610	134.488	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	376013	138.236	ug/l	100
36) 1,1-Dichloropropene	5.78	75	269689	136.844	ug/l	99
37) Ethyl Acetate	4.82	43	187295	143.883	ug/l	99
38) Carbon Tetrachloride	5.77	117	314757	139.453	ug/l	98
39) Methylcyclohexane	7.45	83	288357	139.048	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	825156	138.002	ug/l	100
41) Methacrylonitrile	5.03	41	114533	142.546	ug/l	95
42) 1,2-Dichloroethane	6.18	62	326720	135.216	ug/l	99
43) Isopropyl Acetate	6.43	43	384637	142.722	ug/l	99
44) Trichloroethene	7.20	130	220386	136.670	ug/l	98
45) 1,2-Dichloropropane	7.51	63	232150	137.553	ug/l	99
46) Dibromomethane	7.65	93	132016	137.534	ug/l	99
47) Bromodichloromethane	7.89	83	359949	140.106	ug/l	99
48) Methyl methacrylate	7.76	41	188777	145.766	ug/l	99
49) 1,4-Dioxane	7.73	88	51537	2835.324	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1012410	722.021	ug/l	100
52) Toluene	8.78	92	542829	136.685	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367376	143.430	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	399295	142.889	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	200915	137.913	ug/l	99
56) Ethyl methacrylate	9.17	69	291617	143.185	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341366	137.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	731336	756.180	ug/l	100
59) 2-Hexanone	9.49	43	737397	740.180	ug/l	99
60) Dibromochloromethane	9.58	129	250654	145.061	ug/l	99
61) 1,2-Dibromoethane	9.67	107	190973	140.592	ug/l	98
64) Tetrachloroethene	9.33	164	178765	134.435	ug/l	100
65) Chlorobenzene	10.14	112	630639	132.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	252521	138.192	ug/l	99
67) Ethyl Benzene	10.24	91	1125459	134.453	ug/l	98
68) m/p-Xylenes	10.35	106	829303	268.626	ug/l	100
69) o-Xylene	10.70	106	412056	136.797	ug/l	100
70) Stvrene	10.71	104	746161	137.757	ug/l	99
71) Bromoform	10.85	173	144864	152.047	ug/l #	99
73) Isopropylbenzene	11.01	105	1139031	131.932	ug/l	99
74) N-amyl acetate	10.89	43	388073	140.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268901	138.573	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	233987m	139.024	ug/l	
77) Bromobenzene	11.25	156	270764	131.204	ug/l	99
78) n-propylbenzene	11.35	91	1365107	131.378	ug/l	99
79) 2-Chlorotoluene	11.42	91	858124	132.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028912	131.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88375	145.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	1014491	127.786	ug/l	100
83) tert-Butylbenzene	11.77	119	1002456	132.311	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1069259	132.295	ug/l	98
85) sec-Butylbenzene	11.94	105	1180479	132.553	ug/l	100
86) p-Isopropyltoluene	12.06	119	1117122	135.293	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	543387	132.778	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	551375	134.353	ug/l	99
89) n-Butylbenzene	12.38	91	1075843	135.816	ug/l	100
90) Hexachloroethane	12.59	117	218679	144.413	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	508686	132.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56244	146.212	ug/l	93
93) 1,2,4-Trichlorobenzene	13.64	180	373009	147.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	181269	147.967	ug/l	97
95) Naphthalene	13.83	128	845614	152.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	333578	150.643	ug/l	99

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

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