

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012375.D
 Acq On : 13 Sep 2019 09:47
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:13:02 AM

Quant Time: Sep 13 12:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	148597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	94958	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
35) Dibromofluoromethane	5.48	113	78922	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.71	98	291108	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.13	95	119769	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	51591	42.465	ug/l	98
3) Chloromethane	1.31	50	48215	44.028	ug/l	94
4) Vinyl Chloride	1.39	62	48605	44.763	ug/l	99
5) Bromomethane	1.62	94	25453	58.637	ug/l	97
6) Chloroethane	1.71	64	32977	45.418	ug/l	98
7) Trichlorofluoromethane	1.92	101	91253	46.436	ug/l	100
8) Diethyl Ether	2.17	74	30695	45.775	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64318	48.562	ug/l	98
10) Methyl Iodide	2.50	142	42143	33.432	ug/l	99
11) Tert butyl alcohol	3.02	59	47151	209.882	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53019	47.152	ug/l	96
13) Acrolein	2.28	56	28356	258.199	ug/l	93
14) Allyl chloride	2.72	41	105155	45.870	ug/l	98
15) Acrylonitrile	3.13	53	91865	221.621	ug/l	99
16) Acetone	2.43	43	119114	239.503	ug/l	98
17) Carbon Disulfide	2.56	76	99024	41.938	ug/l	99
18) Methyl Acetate	2.76	43	44768	42.826	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	199335	44.890	ug/l	99
20) Methylene Chloride	2.84	84	69229	44.318	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	61060	45.516	ug/l	98
22) Diisopropyl ether	3.84	45	239111	45.608	ug/l	92
23) Vinyl Acetate	3.80	43	732590	227.748	ug/l	99
24) 1,1-Dichloroethane	3.68	63	130059	46.313	ug/l	99
25) 2-Butanone	4.65	43	146696	230.736	ug/l	98
26) 2,2-Dichloropropane	4.56	77	120540	45.719	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	77819	44.931	ug/l	99
28) Bromochloromethane	5.00	49	61219	46.481	ug/l	100
29) Tetrahydrofuran	5.11	42	76532	223.107	ug/l	98
30) Chloroform	5.19	83	141239	44.601	ug/l	97
31) Cyclohexane	5.56	56	88907	45.576	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	123580	45.448	ug/l	99
36) 1,1-Dichloropropene	5.78	75	88671	49.095	ug/l	98
37) Ethyl Acetate	4.81	43	53041	47.507	ug/l	98
38) Carbon Tetrachloride	5.77	117	103229	48.715	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	97368	49.124	ug/l	99
40) Benzene	6.13	78	268682	49.152	ug/l	97
41) Methacrylonitrile	5.03	41	33063	48.036	ug/l	97
42) 1,2-Dichloroethane	6.18	62	101164	46.824	ug/l	100
43) Isopropyl Acetate	6.43	43	108615	46.143	ug/l	100
44) Trichloroethene	7.20	130	73461	49.657	ug/l	94
45) 1,2-Dichloropropane	7.51	63	73234	48.401	ug/l	97
46) Dibromomethane	7.65	93	40175	48.582	ug/l	96
47) Bromodichloromethane	7.89	83	108204	47.947	ug/l	100
48) Methyl methacrylate	7.76	41	53038	47.074	ug/l	98
49) 1,4-Dioxane	7.73	88	13330	876.769	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	290024	233.453	ug/l	100
52) Toluene	8.78	92	174523	48.336	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	106283	47.186	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	120983	48.438	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	63419	49.501	ug/l	97
56) Ethyl methacrylate	9.17	69	82926	47.805	ug/l	98
57) 1,3-Dichloropropane	9.37	76	106400	48.625	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	212442	238.949	ug/l	100
59) 2-Hexanone	9.48	43	219652	254.287	ug/l	99
60) Dibromochloromethane	9.57	129	72280	48.327	ug/l	98
61) 1,2-Dibromoethane	9.67	107	57722	48.401	ug/l	97
64) Tetrachloroethene	9.33	164	59653	50.044	ug/l	100
65) Chlorobenzene	10.14	112	202135	49.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	77584	49.975	ug/l	100
67) Ethyl Benzene	10.25	91	359332	49.058	ug/l	97
68) m/p-Xylenes	10.36	106	268858	99.713	ug/l	100
69) o-Xylene	10.70	106	130500	49.407	ug/l	100
70) Styrene	10.71	104	232687	49.672	ug/l	99
71) Bromoform	10.85	173	38939	48.369	ug/l	# 99
73) Isopropylbenzene	11.01	105	358571	49.091	ug/l	100
74) N-amyl acetate	10.89	43	98633	45.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	75986	48.439	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67306m	47.221	ug/l	
77) Bromobenzene	11.25	156	84362	50.165	ug/l	96
78) n-propylbenzene	11.35	91	432275	49.008	ug/l	99
79) 2-Chlorotoluene	11.42	91	258967	47.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	321866	49.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22084	46.423	ug/l	97
82) 4-Chlorotoluene	11.51	91	316592	48.206	ug/l	99
83) tert-Butylbenzene	11.76	119	320110	50.188	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	326817	48.129	ug/l	98
85) sec-Butylbenzene	11.94	105	374621	49.225	ug/l	100
86) p-Isopropyltoluene	12.06	119	346849	49.326	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170868	49.878	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	168597	48.671	ug/l	98
89) n-Butylbenzene	12.39	91	323828	46.985	ug/l	99
90) Hexachloroethane	12.59	117	60073	46.381	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	154554	48.772	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14242	44.479	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102606	46.886	ug/l	99
94) Hexachlorobutadiene	13.78	225	52268	48.010	ug/l	98
95) Naphthalene	13.83	128	209753	44.663	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	88431	45.670	ug/l	99

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

