

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012293.D
 Acq On : 11 Sep 2019 10:56
 Operator : SY/SP
 Sample : VX0911SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:25 AM

Quant Time: Sep 12 05:57:25 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	141596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	94269	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.48	113	74579	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.71	98	284773	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	119434	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25631	22.140	ug/l	99
3) Chloromethane	1.31	50	23072	22.110	ug/l	97
4) Vinyl Chloride	1.39	62	22745	21.983	ug/l	100
5) Bromomethane	1.62	94	10447	22.350	ug/l	99
6) Chloroethane	1.70	64	14509	20.971	ug/l	97
7) Trichlorofluoromethane	1.91	101	41243	22.025	ug/l	99
8) Diethyl Ether	2.17	74	13275	20.775	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28350	22.463	ug/l	99
10) Methyl Iodide	2.50	142	20084	16.720	ug/l	99
11) Tert butyl alcohol	3.02	59	35450	163.575	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	24577	22.938	ug/l	96
13) Acrolein	2.28	56	10483	100.174	ug/l	98
14) Allyl chloride	2.71	41	46198	21.149	ug/l	99
15) Acrylonitrile	3.13	53	42016	106.374	ug/l	98
16) Acetone	2.43	43	51191	108.019	ug/l	96
17) Carbon Disulfide	2.55	76	46883	20.837	ug/l	96
18) Methyl Acetate	2.76	43	20177	20.256	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	87306	20.634	ug/l	96
20) Methylene Chloride	2.84	84	33103	20.853	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	28133	22.008	ug/l	96
22) Diisopropyl ether	3.84	45	102890	20.595	ug/l	93
23) Vinyl Acetate	3.80	43	317975	103.740	ug/l	99
24) 1,1-Dichloroethane	3.68	63	57528	21.498	ug/l	98
25) 2-Butanone	4.65	43	62560	103.265	ug/l	98
26) 2,2-Dichloropropane	4.57	77	54874	21.842	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	35468	21.491	ug/l	98
28) Bromochloromethane	5.00	49	22788	18.157	ug/l	100
29) Tetrahydrofuran	5.12	42	33982	103.963	ug/l	98
30) Chloroform	5.20	83	63007	20.880	ug/l	93
31) Cyclohexane	5.56	56	41127	22.125	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	55404	21.383	ug/l	98
36) 1,1-Dichloropropene	5.78	75	40119	22.402	ug/l	98
37) Ethyl Acetate	4.82	43	23527	21.252	ug/l #	95
38) Carbon Tetrachloride	5.77	117	45480	21.645	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	44486	22.635	ug/l	97
40) Benzene	6.13	78	118640	21.888	ug/l	97
41) Methacrylonitrile	5.03	41	13850	20.294	ug/l	95
42) 1,2-Dichloroethane	6.18	62	46534	21.722	ug/l	100
43) Isopropyl Acetate	6.43	43	48581	20.814	ug/l	100
44) Trichloroethene	7.20	130	32016	21.826	ug/l	98
45) 1,2-Dichloropropane	7.51	63	32326	21.546	ug/l	99
46) Dibromomethane	7.65	93	17792	21.698	ug/l	99
47) Bromodichloromethane	7.89	83	45555	20.358	ug/l	95
48) Methyl methacrylate	7.76	41	23313	20.867	ug/l	99
49) 1,4-Dioxane	7.73	88	6056	401.718	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	127367	103.396	ug/l	100
52) Toluene	8.78	92	80134	22.383	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	46713	20.915	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	52606	21.241	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	27133	21.359	ug/l	98
56) Ethyl methacrylate	9.17	69	35083	20.397	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46930	21.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	86534	98.159	ug/l	99
59) 2-Hexanone	9.48	43	91089	106.349	ug/l	99
60) Dibromochloromethane	9.57	129	30527	20.584	ug/l	97
61) 1,2-Dibromoethane	9.67	107	25143	21.262	ug/l	99
64) Tetrachloroethene	9.33	164	26636	22.382	ug/l	96
65) Chlorobenzene	10.14	112	88722	21.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32919	21.240	ug/l	99
67) Ethyl Benzene	10.25	91	158547	21.682	ug/l	95
68) m/p-Xylenes	10.35	106	118856	44.154	ug/l	99
69) o-Xylene	10.70	106	56893	21.575	ug/l	99
70) Styrene	10.71	104	100193	21.424	ug/l	99
71) Bromoform	10.85	173	16315	20.300	ug/l #	99
73) Isopropylbenzene	11.01	105	157650	21.502	ug/l	100
74) N-amyl acetate	10.89	43	43271	19.849	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	33281	21.136	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	29417m	20.561	ug/l	
77) Bromobenzene	11.25	156	35750	21.178	ug/l	99
78) n-propylbenzene	11.35	91	195163	22.043	ug/l	100
79) 2-Chlorotoluene	11.42	91	117046	21.337	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	144536	21.921	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8803	18.435	ug/l	91
82) 4-Chlorotoluene	11.51	91	142090	21.554	ug/l	98
83) tert-Butylbenzene	11.76	119	139022	21.714	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	146373	21.475	ug/l	98
85) sec-Butylbenzene	11.94	105	167806	21.967	ug/l	99
86) p-Isopropyltoluene	12.06	119	155521	22.033	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73547	21.388	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	73703	21.197	ug/l	99
89) n-Butylbenzene	12.38	91	150030	21.686	ug/l	99
90) Hexachloroethane	12.59	117	26297	20.227	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	68103	21.410	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6659	20.718	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	44894	20.437	ug/l	98
94) Hexachlorobutadiene	13.78	225	23830	21.806	ug/l	96
95) Naphthalene	13.83	128	93712	19.879	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	40122	20.643	ug/l	99

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

