

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011899.D
 Acq On : 30 Aug 2019 04:55
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:25 AM

Quant Time: Aug 30 06:30:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	308084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	166325	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	5.48	113	154753	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	552773	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	244212	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76397	41.086	ug/l	99
3) Chloromethane	1.31	50	108579	50.372	ug/l	100
4) Vinyl Chloride	1.40	62	96807	47.032	ug/l	98
5) Bromomethane	1.63	94	76342	53.604	ug/l	99
6) Chloroethane	1.71	64	65043	50.774	ug/l	95
7) Trichlorofluoromethane	1.92	101	160134	44.797	ug/l	99
8) Diethyl Ether	2.17	74	66102	53.807	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103437	44.397	ug/l	100
10) Methyl Iodide	2.49	142	123981	48.834	ug/l	98
11) Tert butyl alcohol	3.03	59	77992	274.641	ug/l	100
12) 1,1-Dichloroethene	2.36	96	106181	49.071	ug/l	98
13) Acrolein	2.28	56	31158	220.444	ug/l	99
14) Allyl chloride	2.71	41	210797	51.933	ug/l	99
15) Acrylonitrile	3.13	53	191083	283.170	ug/l	99
16) Acetone	2.43	43	160850	253.270	ug/l	100
17) Carbon Disulfide	2.56	76	314441	50.663	ug/l	100
18) Methyl Acetate	2.76	43	112329	63.894	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	391042	55.784	ug/l	99
20) Methylene Chloride	2.84	84	152018	56.762	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	133165	52.245	ug/l	100
22) Diisopropyl ether	3.84	45	456264	55.062	ug/l	98
23) Vinyl Acetate	3.80	43	1427538	267.955	ug/l	99
24) 1,1-Dichloroethane	3.68	63	245979	53.831	ug/l	100
25) 2-Butanone	4.65	43	258827	279.816	ug/l	98
26) 2,2-Dichloropropane	4.57	77	172269	44.949	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	166927	55.599	ug/l	97
28) Bromochloromethane	5.00	49	114172	55.682	ug/l	99
29) Tetrahydrofuran	5.12	42	164937	285.682	ug/l	99
30) Chloroform	5.20	83	266396	54.524	ug/l	96
31) Cyclohexane	5.57	56	158406	42.979	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	221137	50.952	ug/l	99
36) 1,1-Dichloropropene	5.79	75	168231	45.535	ug/l	99
37) Ethyl Acetate	4.82	43	113082	51.707	ug/l	99
38) Carbon Tetrachloride	5.77	117	193745	45.216	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174769	39.714	ug/l	100
40) Benzene	6.13	78	548868	49.770	ug/l	99
41) Methacrylonitrile	5.02	41	70310	54.602	ug/l	97
42) 1,2-Dichloroethane	6.18	62	194509	51.864	ug/l	100
43) Isopropyl Acetate	6.43	43	230368	51.955	ug/l	100
44) Trichloroethene	7.21	130	167249	49.016	ug/l	99
45) 1,2-Dichloropropane	7.51	63	145271	50.359	ug/l	99
46) Dibromomethane	7.65	93	89658	52.370	ug/l	100
47) Bromodichloromethane	7.89	83	218381	51.441	ug/l	99
48) Methyl methacrylate	7.76	41	112547	52.168	ug/l	98
49) 1,4-Dioxane	7.73	88	32461	1094.179	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	596284	264.722	ug/l	99
52) Toluene	8.78	92	362877	49.737	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	218035	50.140	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	244631	50.114	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	129501	51.670	ug/l	99
56) Ethyl methacrylate	9.17	69	180592	51.917	ug/l	100
57) 1,3-Dichloropropane	9.37	76	215127	51.714	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	428708	258.761	ug/l	99
59) 2-Hexanone	9.49	43	417291	260.802	ug/l	100
60) Dibromochloromethane	9.58	129	174786	51.924	ug/l	100
61) 1,2-Dibromoethane	9.66	107	129288	52.030	ug/l	99
64) Tetrachloroethene	9.33	164	177905	49.397	ug/l	98
65) Chlorobenzene	10.13	112	433095	49.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	176964	50.437	ug/l	99
67) Ethyl Benzene	10.25	91	713307	48.332	ug/l	100
68) m/p-Xylenes	10.35	106	557227	97.780	ug/l	99
69) o-Xylene	10.69	106	275867	49.676	ug/l	99
70) Styrene	10.71	104	492856	50.352	ug/l	100
71) Bromoform	10.85	173	128806	51.919	ug/l #	100
73) Isopropylbenzene	11.01	105	706286	46.018	ug/l	99
74) N-amyl acetate	10.89	43	219524	48.197	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	154196	49.090	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	130886m	49.811	ug/l	
77) Bromobenzene	11.25	156	220929	49.633	ug/l	98
78) n-propylbenzene	11.35	91	805078	46.258	ug/l	100
79) 2-Chlorotoluene	11.41	91	502371	47.955	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	630902	47.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46860	44.801	ug/l	100
82) 4-Chlorotoluene	11.51	91	605386	47.902	ug/l	100
83) tert-Butylbenzene	11.77	119	621519	46.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	652167	48.036	ug/l	100
85) sec-Butylbenzene	11.94	105	710237	45.489	ug/l	99
86) p-Isopropyltoluene	12.06	119	704313	46.521	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	400963	48.468	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	406003	48.547	ug/l	100
89) n-Butylbenzene	12.38	91	605571	45.210	ug/l	100
90) Hexachloroethane	12.59	117	138903	47.424	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	380909	49.524	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32534	51.997	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	327435	50.559	ug/l	99
94) Hexachlorobutadiene	13.78	225	200096	46.264	ug/l	99
95) Naphthalene	13.83	128	571303	51.400	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298816	51.023	ug/l	99

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

