

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012317.D
 Acq On : 11 Sep 2019 23:02
 Operator : SY/SP
 Sample : VX0911SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:46 AM

Quant Time: Sep 12 06:58:56 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	5.65	168	126570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	235423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	84288	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	5.48	113	66091	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.71	98	249347	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	105632	43.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21131	20.420	ug/l	95
3) Chloromethane	1.31	50	19383	20.780	ug/l	95
4) Vinyl Chloride	1.39	62	18965	20.505	ug/l	98
5) Bromomethane	1.62	94	9147	21.788	ug/l	97
6) Chloroethane	1.70	64	12622	20.409	ug/l	98
7) Trichlorofluoromethane	1.91	101	32674	19.520	ug/l	95
8) Diethyl Ether	2.17	74	11845	20.738	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	22358	19.819	ug/l	99
10) Methyl Iodide	2.50	142	15906	14.814	ug/l	99
11) Tert butyl alcohol	3.03	59	19823m	98.734	ug/l	
12) 1,1-Dichloroethene	2.36	96	19963	20.844	ug/l	97
13) Acrolein	2.28	56	6954	74.340	ug/l	90
14) Allyl chloride	2.72	41	37968	19.444	ug/l	98
15) Acrylonitrile	3.13	53	38826	109.967	ug/l	97
16) Acetone	2.43	43	36938	87.197	ug/l	96
17) Carbon Disulfide	2.55	76	38219	19.003	ug/l	99
18) Methyl Acetate	2.76	43	25380	28.505	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	76656	20.267	ug/l	98
20) Methylene Chloride	2.84	84	30393	21.494	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	23328	20.415	ug/l	94
22) Diisopropyl ether	3.84	45	88527	19.824	ug/l	91
23) Vinyl Acetate	3.80	43	250761	91.524	ug/l	100
24) 1,1-Dichloroethane	3.69	63	48720	20.368	ug/l	99
25) 2-Butanone	4.66	43	56135	103.660	ug/l	98
26) 2,2-Dichloropropane	4.57	77	37483	16.691	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	29827	20.219	ug/l	99
28) Bromochloromethane	5.00	49	21841	19.469	ug/l	97
29) Tetrahydrofuran	5.12	42	32270	110.446	ug/l	99
30) Chloroform	5.20	83	54787	20.312	ug/l	97
31) Cyclohexane	5.56	56	31629	19.035	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	44852	19.365	ug/l	99
36) 1,1-Dichloropropene	5.79	75	33394	19.453	ug/l	98
37) Ethyl Acetate	4.82	43	22714	21.405	ug/l	97
38) Carbon Tetrachloride	5.77	117	35054	17.405	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	33561	17.815	ug/l	97
40) Benzene	6.13	78	101735	19.581	ug/l	98
41) Methacrylonitrile	5.03	41	13018	19.900	ug/l	97
42) 1,2-Dichloroethane	6.18	62	40042	19.500	ug/l	100
43) Isopropyl Acetate	6.44	43	43144	19.284	ug/l	99
44) Trichloroethene	7.20	130	26652	18.955	ug/l	99
45) 1,2-Dichloropropane	7.50	63	28262	19.652	ug/l	92
46) Dibromomethane	7.65	93	15518	19.744	ug/l	98
47) Bromodichloromethane	7.89	83	38447	17.925	ug/l	99
48) Methyl methacrylate	7.76	41	21102	19.705	ug/l	99
49) 1,4-Dioxane	7.73	88	6349	439.372	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	119430	101.146	ug/l	100
52) Toluene	8.78	92	66328	19.328	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	36649	17.119	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	41835	17.623	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	23584	19.368	ug/l	97
56) Ethyl methacrylate	9.17	69	31858	19.323	ug/l	100
57) 1,3-Dichloropropane	9.37	76	41679	20.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	78630	93.052	ug/l	100
59) 2-Hexanone	9.49	43	82656	100.678	ug/l	100
60) Dibromochloromethane	9.57	129	25954	18.258	ug/l	97
61) 1,2-Dibromoethane	9.67	107	22176	19.565	ug/l	99
64) Tetrachloroethene	9.33	164	25239	22.251	ug/l	97
65) Chlorobenzene	10.14	112	77598	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	28620	19.373	ug/l	99
67) Ethyl Benzene	10.25	91	133958	19.219	ug/l	99
68) m/p-Xylenes	10.36	106	100978	39.356	ug/l	100
69) o-Xylene	10.70	106	48924	19.465	ug/l	98
70) Styrene	10.71	104	86561	19.419	ug/l	99
71) Bromoform	10.85	173	13879	18.118	ug/l #	99
73) Isopropylbenzene	11.01	105	133422	18.668	ug/l	99
74) N-amyl acetate	10.89	43	37176	17.494	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	30831	20.086	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	26560m	19.044	ug/l	
77) Bromobenzene	11.25	156	32001	19.448	ug/l	100
78) n-propylbenzene	11.35	91	160124	18.553	ug/l	98
79) 2-Chlorotoluene	11.42	91	100309	18.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	121882	18.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	7408	15.915	ug/l	91
82) 4-Chlorotoluene	11.51	91	124149	19.319	ug/l	99
83) tert-Butylbenzene	11.76	119	115528	18.511	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	126257	19.003	ug/l	99
85) sec-Butylbenzene	11.94	105	138394	18.585	ug/l	100
86) p-Isopropyltoluene	12.06	119	128723	18.709	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	65161	19.440	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	66526	19.627	ug/l	99
89) n-Butylbenzene	12.39	91	127544	18.913	ug/l	99
90) Hexachloroethane	12.59	117	21723	17.141	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	61283	19.764	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6042	19.285	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.64	180	42346	19.776	ug/l	99
94) Hexachlorobutadiene	13.78	225	22148	20.791	ug/l	95
95) Naphthalene	13.83	128	92751	20.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	38170	20.147	ug/l	99

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

