

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012257.D
 Acq On : 10 Sep 2019 15:58
 Operator : SY/SP
 Sample : VX0910SBSD02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:00:02 AM

Quant Time: Sep 11 01:57:53 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	133914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	95010	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	5.48	113	72925	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	273620	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	118764	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22085	20.172	ug/l	93
3) Chloromethane	1.31	50	20675	20.949	ug/l	97
4) Vinyl Chloride	1.40	62	20252	20.696	ug/l	94
5) Bromomethane	1.62	94	9089	20.151	ug/l	95
6) Chloroethane	1.70	64	13146	20.091	ug/l	97
7) Trichlorofluoromethane	1.91	101	35100	19.820	ug/l	99
8) Diethyl Ether	2.17	74	12367	20.465	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24363	20.412	ug/l	98
10) Methyl Iodide	2.50	142	21863	19.245	ug/l	100
11) Tert butyl alcohol	3.04	59	18675m	86.864	ug/l	
12) 1,1-Dichloroethene	2.36	96	20731	20.458	ug/l	98
13) Acrolein	2.28	56	10119	102.243	ug/l	96
14) Allyl chloride	2.72	41	42083	20.370	ug/l	99
15) Acrylonitrile	3.13	53	40041	107.189	ug/l	99
16) Acetone	2.43	43	40066	89.394	ug/l	97
17) Carbon Disulfide	2.55	76	42036	19.755	ug/l	99
18) Methyl Acetate	2.76	43	20001	21.231	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	86967	21.732	ug/l	97
20) Methylene Chloride	2.84	84	31500	20.999	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	24641	20.382	ug/l	95
22) Diisopropyl ether	3.84	45	98120	20.767	ug/l	96
23) Vinyl Acetate	3.80	43	306404	105.699	ug/l	99
24) 1,1-Dichloroethane	3.68	63	52515	20.750	ug/l	98
25) 2-Butanone	4.66	43	59396	103.666	ug/l	93
26) 2,2-Dichloropropane	4.56	77	45536	19.165	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	32226	20.647	ug/l	99
28) Bromochloromethane	5.00	49	23707	19.973	ug/l	98
29) Tetrahydrofuran	5.12	42	34296	110.943	ug/l	99
30) Chloroform	5.20	83	58588	20.530	ug/l	95
31) Cyclohexane	5.57	56	35265	20.060	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	48929	19.967	ug/l	100
36) 1,1-Dichloropropene	5.78	75	34657	19.413	ug/l	96
37) Ethyl Acetate	4.82	43	23168	20.994	ug/l	98
38) Carbon Tetrachloride	5.77	117	39702	18.955	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	37112	18.943	ug/l	97
40) Benzene	6.13	78	110037	20.365	ug/l	99
41) Methacrylonitrile	5.03	41	14941	21.961	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44408	20.795	ug/l	100
43) Isopropyl Acetate	6.43	43	49439	21.249	ug/l	99
44) Trichloroethene	7.20	130	28783	19.684	ug/l	99
45) 1,2-Dichloropropane	7.51	63	30136	20.150	ug/l	99
46) Dibromomethane	7.65	93	16873	20.642	ug/l	98
47) Bromodichloromethane	7.89	83	44137	19.787	ug/l	95
48) Methyl methacrylate	7.76	41	22983	20.637	ug/l	100
49) 1,4-Dioxane	7.73	88	6348	422.417	ug/l #	91
51) 4-Methyl-2-Pentanone	8.64	43	124623	101.488	ug/l	99
52) Toluene	8.78	92	71910	20.149	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	43789	19.668	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	48750	19.746	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	26078	20.593	ug/l	97
56) Ethyl methacrylate	9.17	69	35462	20.682	ug/l	99
57) 1,3-Dichloropropane	9.37	76	44974	20.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	89045	101.327	ug/l	99
59) 2-Hexanone	9.49	43	87751	102.776	ug/l	99
60) Dibromochloromethane	9.57	129	28988	19.608	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24707	20.960	ug/l	97
64) Tetrachloroethene	9.33	164	24231	20.331	ug/l	98
65) Chlorobenzene	10.14	112	83500	20.278	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	30879	19.893	ug/l	99
67) Ethyl Benzene	10.25	91	145953	19.929	ug/l	99
68) m/p-Xylenes	10.35	106	108103	40.099	ug/l	97
69) o-Xylene	10.70	106	53613	20.301	ug/l	100
70) Styrene	10.71	104	94916	20.265	ug/l	99
71) Bromoform	10.85	173	15480	19.232	ug/l #	95
73) Isopropylbenzene	11.01	105	145265	19.198	ug/l	99
74) N-amyl acetate	10.89	43	44272	19.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	33330	20.509	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	29062m	19.682	ug/l	
77) Bromobenzene	11.25	156	35646	20.461	ug/l	99
78) n-propylbenzene	11.35	91	178842	19.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	110891	19.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	132874	19.526	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9290	18.851	ug/l	96
82) 4-Chlorotoluene	11.51	91	134614	19.785	ug/l	99
83) tert-Butylbenzene	11.76	119	126391	19.128	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138022	19.621	ug/l	99
85) sec-Butylbenzene	11.94	105	152135	19.297	ug/l	100
86) p-Isopropyltoluene	12.06	119	142614	19.577	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	69641	19.623	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	71921	20.042	ug/l	98
89) n-Butylbenzene	12.38	91	136580	19.129	ug/l	99
90) Hexachloroethane	12.59	117	24409	18.191	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	65137	19.841	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6905	20.816	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44313	19.546	ug/l	99
94) Hexachlorobutadiene	13.77	225	21125	18.730	ug/l	100
95) Naphthalene	13.83	128	99029	20.354	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	40583	20.232	ug/l	99

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

