

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012253.D
 Acq On : 10 Sep 2019 14:08
 Operator : SY/SP
 Sample : VX0910SBS01
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:00:45 AM

Quant Time: Sep 11 01:50:36 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	127056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	104756	58.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.64%	
35) Dibromofluoromethane	5.48	113	81849	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
50) Toluene-d8	8.71	98	308609	61.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.16%	
62) 4-Bromofluorobenzene	11.14	95	132288	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24522	23.606	ug/l	99
3) Chloromethane	1.31	50	22073	23.573	ug/l	96
4) Vinyl Chloride	1.40	62	21985	23.680	ug/l	98
5) Bromomethane	1.62	94	10147	24.614	ug/l	100
6) Chloroethane	1.70	64	13803	22.233	ug/l	98
7) Trichlorofluoromethane	1.92	101	39421	23.461	ug/l	99
8) Diethyl Ether	2.17	74	13360	23.301	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27359	24.159	ug/l	99
10) Methyl Iodide	2.50	142	24016	22.282	ug/l	98
11) Tert butyl alcohol	3.04	59	19201m	94.934	ug/l	
12) 1,1-Dichloroethene	2.36	96	23344	24.281	ug/l	98
13) Acrolein	2.28	56	11305	120.391	ug/l	92
14) Allyl chloride	2.72	41	45086	23.001	ug/l	98
15) Acrylonitrile	3.13	53	40565	114.453	ug/l	99
16) Acetone	2.44	43	43486	102.262	ug/l	99
17) Carbon Disulfide	2.55	76	47032	23.296	ug/l	97
18) Methyl Acetate	2.76	43	19645	21.979	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	88852	23.402	ug/l	99
20) Methylene Chloride	2.84	84	34084	24.338	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	26745	23.316	ug/l	96
22) Diisopropyl ether	3.84	45	102299	22.820	ug/l	96
23) Vinyl Acetate	3.80	43	322183	117.142	ug/l	99
24) 1,1-Dichloroethane	3.68	63	55420	23.080	ug/l	99
25) 2-Butanone	4.67	43	61016	112.242	ug/l	95
26) 2,2-Dichloropropane	4.56	77	52176	23.145	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34929	23.586	ug/l	98
28) Bromochloromethane	5.00	49	23899	21.222	ug/l	97
29) Tetrahydrofuran	5.12	42	35627	121.469	ug/l	99
30) Chloroform	5.19	83	63512	23.456	ug/l	99
31) Cyclohexane	5.57	56	39382	23.611	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52963	22.780	ug/l	98
36) 1,1-Dichloropropene	5.78	75	38821	23.887	ug/l	98
37) Ethyl Acetate	4.82	43	25328	25.211	ug/l	98
38) Carbon Tetrachloride	5.77	117	44535	23.356	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	41561	23.303	ug/l	98
40) Benzene	6.13	78	115818	23.546	ug/l	98
41) Methacrylonitrile	5.03	41	15052	24.303	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44903	23.097	ug/l	98
43) Isopropyl Acetate	6.43	43	50956	24.058	ug/l	99
44) Trichloroethene	7.20	130	31325	23.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	31160	22.886	ug/l #	88
46) Dibromomethane	7.65	93	17322	23.279	ug/l	97
47) Bromodichloromethane	7.89	83	46357	22.828	ug/l #	98
48) Methyl methacrylate	7.76	41	23905	23.579	ug/l	99
49) 1,4-Dioxane	7.73	88	6450	471.473	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	127994	114.498	ug/l	100
52) Toluene	8.78	92	76716	23.613	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47366	23.370	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	51613	22.965	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	27401	23.769	ug/l	97
56) Ethyl methacrylate	9.17	69	36631	23.468	ug/l	99
57) 1,3-Dichloropropane	9.37	76	46119	23.423	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	91944	114.929	ug/l	99
59) 2-Hexanone	9.49	43	92910	119.535	ug/l	100
60) Dibromochloromethane	9.58	129	31944	23.736	ug/l	99
61) 1,2-Dibromoethane	9.67	107	25168	23.453	ug/l	99
64) Tetrachloroethene	9.33	164	25292	23.408	ug/l	98
65) Chlorobenzene	10.14	112	88283	23.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32607	23.172	ug/l	99
67) Ethyl Benzene	10.24	91	158080	23.810	ug/l	97
68) m/p-Xylenes	10.35	106	117143	47.931	ug/l	99
69) o-Xylene	10.70	106	57434	23.989	ug/l	99
70) Styrene	10.71	104	100150	23.587	ug/l	99
71) Bromoform	10.85	173	16183	22.178	ug/l #	100
73) Isopropylbenzene	11.01	105	157245	23.435	ug/l	99
74) N-amyl acetate	10.89	43	45901	23.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34103	23.666	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	30412m	23.227	ug/l	
77) Bromobenzene	11.25	156	37444	24.239	ug/l	97
78) n-propylbenzene	11.35	91	193201	23.844	ug/l	99
79) 2-Chlorotoluene	11.42	91	117933	23.492	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	143356	23.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9913	22.685	ug/l	95
82) 4-Chlorotoluene	11.51	91	144041	23.876	ug/l	99
83) tert-Butylbenzene	11.77	119	136969	23.377	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	146877	23.547	ug/l	98
85) sec-Butylbenzene	11.94	105	164096	23.473	ug/l	98
86) p-Isopropyltoluene	12.06	119	153065	23.696	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72844	23.148	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74266	23.339	ug/l	96
89) n-Butylbenzene	12.38	91	150596	23.786	ug/l	99
90) Hexachloroethane	12.59	117	27085	22.764	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	68885	23.664	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6934	23.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46868	23.314	µg/l	99
94) Hexachlorobutadiene	13.77	225	22902	22.900	µg/l	98
95) Naphthalene	13.83	128	101330	23.488	µg/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41772	23.485	µg/l	100

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

