

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090219\
 Data File : VX012010.D
 Acq On : 02 Sep 2019 12:00
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

sam
 9/3/2019 2:15:39 PM

Quant Time: Sep 03 05:20:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 05:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	405546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	539918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	495035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295256	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	17691	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
35) Dibromofluoromethane	5.48	113	15790	4.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.92%	
50) Toluene-d8	8.71	98	61243	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
62) 4-Bromofluorobenzene	11.13	95	25210	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	12196	4.982	ug/l	99
3) Chloromethane	1.31	50	12482	5.131	ug/l	97
4) Vinyl Chloride	1.40	62	12127	4.907	ug/l	100
5) Bromomethane	1.63	94	10671	6.090	ug/l	99
6) Chloroethane	1.72	64	8282	5.299	ug/l	94
7) Trichlorofluoromethane	1.92	101	21804	4.860	ug/l	96
8) Diethyl Ether	2.17	74	6890	5.051	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12896	4.514	ug/l	96
10) Methyl Iodide	2.50	142	11221	3.932	ug/l	96
11) Tert butyl alcohol	3.02	59	7905	26.701	ug/l	99
12) 1,1-Dichloroethene	2.36	96	12015	4.609	ug/l	96
13) Acrolein	2.28	56	3386	31.239	ug/l	93
14) Allyl chloride	2.72	41	22160	4.960	ug/l	98
15) Acrylonitrile	3.13	53	16512	23.660	ug/l	96
16) Acetone	2.42	43	20393	28.994	ug/l	97
17) Carbon Disulfide	2.56	76	33642	4.575	ug/l	98
18) Methyl Acetate	2.76	43	10432	5.724	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	37162	4.782	ug/l	100
20) Methylene Chloride	2.84	84	18466	5.813	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	15691	5.064	ug/l	97
22) Diisopropyl ether	3.84	45	44758	4.982	ug/l	93
23) Vinyl Acetate	3.80	43	127111	22.502	ug/l	99
24) 1,1-Dichloroethane	3.68	63	26183	4.997	ug/l	98
25) 2-Butanone	4.65	43	22336	23.310	ug/l	99
26) 2,2-Dichloropropane	4.56	77	25373	5.221	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	17793	4.998	ug/l	97
28) Bromochloromethane	5.00	49	11710	5.438	ug/l	93
29) Tetrahydrofuran	5.12	42	13488	22.888	ug/l	94
30) Chloroform	5.19	83	29686	5.162	ug/l	97
31) Cyclohexane	5.56	56	21938	5.026	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	26302	4.916	ug/l	99
36) 1,1-Dichloropropene	5.79	75	19788	4.790	ug/l	96
37) Ethyl Acetate	4.82	43	9184	4.441	ug/l #	82
38) Carbon Tetrachloride	5.77	117	23583	4.694	ug/l #	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	24590	4.902	ug/l	97
40) Benzene	6.13	78	58382	4.893	ug/l	99
41) Methacrylonitrile	5.03	41	5550	4.453	ug/l #	97
42) 1,2-Dichloroethane	6.18	62	19931	4.931	ug/l	98
43) Isopropyl Acetate	6.43	43	18937	4.430	ug/l	96
44) Trichloroethene	7.20	130	19738	4.981	ug/l	95
45) 1,2-Dichloropropane	7.51	63	14555	4.848	ug/l	100
46) Dibromomethane	7.65	93	8689	4.828	ug/l	96
47) Bromodichloromethane	7.89	83	21899	4.820	ug/l	98
48) Methyl methacrylate	7.76	41	9440	4.478	ug/l	96
49) 1,4-Dioxane	7.73	88	2904	98.197	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	48214	22.441	ug/l	99
52) Toluene	8.78	92	39173	4.845	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	21887	4.759	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	25310	4.889	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	12631	4.807	ug/l	98
56) Ethyl methacrylate	9.17	69	15541	4.454	ug/l	98
57) 1,3-Dichloropropane	9.36	76	20584	4.770	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.30	63	39391	24.843	ug/l	99
59) 2-Hexanone	9.48	43	34382	22.480	ug/l	100
60) Dibromochloromethane	9.57	129	16991	4.652	ug/l	99
61) 1,2-Dibromoethane	9.67	107	12124	4.633	ug/l	99
64) Tetrachloroethene	9.33	164	21320	5.233	ug/l	97
65) Chlorobenzene	10.14	112	47408	5.073	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	18291	4.877	ug/l	99
67) Ethyl Benzene	10.25	91	79675	5.047	ug/l	100
68) m/p-Xylenes	10.35	106	62883	10.144	ug/l	98
69) o-Xylene	10.70	106	30402	5.056	ug/l	100
70) Styrene	10.71	104	49869	4.833	ug/l	98
71) Bromoform	10.85	173	12105	4.652	ug/l #	98
73) Isopropylbenzene	11.01	105	83460	5.065	ug/l	99
74) N-amyl acetate	10.89	43	18164	4.421	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	14481	4.801	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	10307m	4.410	ug/l	
77) Bromobenzene	11.25	156	24138	5.010	ug/l	100
78) n-propylbenzene	11.35	91	94065	5.073	ug/l	99
79) 2-Chlorotoluene	11.42	91	56213	5.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	72938	5.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	4730	4.774	ug/l	97
82) 4-Chlorotoluene	11.51	91	68296	5.185	ug/l	99
83) tert-Butylbenzene	11.77	119	73207	4.983	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	74204	5.152	ug/l	99
85) sec-Butylbenzene	11.94	105	85134	5.045	ug/l	100
86) p-Isopropyltoluene	12.06	119	84106	5.090	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	47241	5.229	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	46726	5.205	ug/l	94
89) n-Butylbenzene	12.39	91	73660	5.148	ug/l	99
90) Hexachloroethane	12.59	117	15203	4.901	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	41027	5.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2829	4.777	ug/l	98

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QLast Update : Tue Sep 03 05:11:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38650	5.446	ug/l	100
94) Hexachlorobutadiene	13.78	225	24839	5.009	ug/l	98
95) Naphthalene	13.83	128	57224	5.244	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34155	5.473	ug/l	99

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

