

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012019.D
 Acq On : 03 Sep 2019 13:13
 Operator : SY/SP
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

sam
 9/4/2019 4:45:43 PM

Quant Time: Sep 03 14:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 14:34:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	156593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	284432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	21559	15.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.16%	
35) Dibromofluoromethane	5.48	113	17596	9.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.86%	
50) Toluene-d8	8.71	98	60556	9.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.44%	
62) 4-Bromofluorobenzene	11.14	95	31522	11.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	14945	15.812	ug/l	97
3) Chloromethane	1.31	50	14198	15.114	ug/l	99
4) Vinyl Chloride	1.39	62	12874	13.492	ug/l	100
5) Bromomethane	1.62	94	7957	11.761	ug/l	96
6) Chloroethane	1.71	64	8494	14.074	ug/l	94
7) Trichlorofluoromethane	1.92	101	21833	12.604	ug/l	99
8) Diethyl Ether	2.17	74	7664	14.551	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	16517	14.973	ug/l	98
10) Methyl Iodide	2.50	142	9070	8.230	ug/l	97
11) Tert butyl alcohol	3.03	59	10329	90.353	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	15264	15.165	ug/l	92
13) Acrolein	2.28	56	4024	96.147	ug/l	89
14) Allyl chloride	2.71	41	26683	15.469	ug/l	100
15) Acrylonitrile	3.12	53	24671	91.553	ug/l	96
16) Acetone	2.43	43	26823	98.765	ug/l	98
17) Carbon Disulfide	2.56	76	39655	13.965	ug/l	99
18) Methyl Acetate	2.76	43	11732	16.670	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	52429	17.474	ug/l	100
20) Methylene Chloride	2.84	84	22163	18.067	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	17537	14.658	ug/l	90
22) Diisopropyl ether	3.84	45	58377	16.828	ug/l	98
23) Vinyl Acetate	3.80	43	184614	84.639	ug/l	100
24) 1,1-Dichloroethane	3.68	63	33798	16.706	ug/l	98
25) 2-Butanone	4.65	43	33667	90.995	ug/l	94
26) 2,2-Dichloropropane	4.56	77	31424	16.745	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	21388	15.560	ug/l	99
28) Bromochloromethane	5.00	49	13677	16.450	ug/l	97
29) Tetrahydrofuran	5.12	42	20780	91.323	ug/l	96
30) Chloroform	5.19	83	35716	16.084	ug/l	90
31) Cyclohexane	5.56	56	26825	15.916	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	31025	15.017	ug/l	99
36) 1,1-Dichloropropene	5.79	75	25458	11.697	ug/l	99
37) Ethyl Acetate	4.82	43	13024	11.954	ug/l #	94
38) Carbon Tetrachloride	5.77	117	26597	10.050	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012019.D
 Acq On : 03 Sep 2019 13:13
 Operator : SY/SP
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC010

Manual Integrations
 APPROVED

sam
 9/4/2019 4:45:43 PM

Quant Time: Sep 03 14:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 14:34:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	30250	11.447	ug/l	99
40) Benzene	6.13	78	72733	11.571	ug/l	98
41) Methacrylonitrile	5.02	41	8025	12.222	ug/l	95
42) 1,2-Dichloroethane	6.18	62	26542	12.464	ug/l	99
43) Isopropyl Acetate	6.43	43	28245	12.542	ug/l	98
44) Trichloroethene	7.20	130	19622	9.399	ug/l	95
45) 1,2-Dichloropropane	7.51	63	19384	12.255	ug/l	97
46) Dibromomethane	7.65	93	11066	11.671	ug/l	97
47) Bromodichloromethane	7.89	83	28754	12.014	ug/l	98
48) Methyl methacrylate	7.76	41	13608	12.254	ug/l	97
49) 1,4-Dioxane	7.73	88	3928	252.128	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	72841	64.357	ug/l	100
52) Toluene	8.78	92	47993	11.269	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29041	11.986	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	32544	11.934	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	16218	11.717	ug/l	97
56) Ethyl methacrylate	9.17	69	22703	12.351	ug/l	99
57) 1,3-Dichloropropane	9.37	76	27806	12.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	48597	58.179	ug/l	98
59) 2-Hexanone	9.48	43	52205	64.793	ug/l	100
60) Dibromochloromethane	9.57	129	18653	9.694	ug/l	98
61) 1,2-Dibromoethane	9.67	107	15430	11.192	ug/l	100
64) Tetrachloroethene	9.33	164	16684	7.787	ug/l	98
65) Chlorobenzene	10.14	112	52916	10.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	19476	9.876	ug/l	98
67) Ethyl Benzene	10.25	91	95127	11.458	ug/l	99
68) m/p-Xylenes	10.36	106	70906	21.751	ug/l	99
69) o-Xylene	10.70	106	34426	10.886	ug/l	99
70) Styrene	10.71	104	58853	10.847	ug/l	99
71) Bromoform	10.85	173	10432	7.624	ug/l #	97
73) Isopropylbenzene	11.01	105	94374	13.809	ug/l	100
74) N-amyl acetate	10.89	43	26807	15.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	19888	15.896	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	14928m	15.399	ug/l	
77) Bromobenzene	11.25	156	20995	10.507	ug/l	98
78) n-propylbenzene	11.35	91	112392	14.615	ug/l	99
79) 2-Chlorotoluene	11.42	91	67656	14.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	81999	13.909	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	6633	16.141	ug/l	98
82) 4-Chlorotoluene	11.51	91	81908	14.993	ug/l	99
83) tert-Butylbenzene	11.76	119	79302	13.014	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	83675	14.006	ug/l	99
85) sec-Butylbenzene	11.94	105	97484	13.928	ug/l	100
86) p-Isopropyltoluene	12.06	119	88616	12.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	41685	11.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	42012	11.284	ug/l	96
89) n-Butylbenzene	12.39	91	86432	14.563	ug/l	98
90) Hexachloroethane	12.59	117	17413	13.534	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	37590	11.111	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3946	16.064	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090319\
Data File : VX012019.D
Acq On : 03 Sep 2019 13:13
Operator : SY/SP
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

sam
9/4/2019 4:45:43 PM

Quant Time: Sep 03 14:43:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	27444	9.323	ug/l	100
94) Hexachlorobutadiene	13.78	225	13619	6.622	ug/l	97
95) Naphthalene	13.83	128	56768	12.542	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	23451	9.060	ug/l	99

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

