

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011995.D
 Acq On : 01 Sep 2019 16:35
 Operator : SY/SP
 Sample : VX0901SBSD02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 2:04:53 AM

Quant Time: Sep 02 04:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	380046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	494392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	462849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	165102	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.48	113	156825	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	565600	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	236625	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52119	22.722	ug/l	98
3) Chloromethane	1.31	50	48201	18.127	ug/l	100
4) Vinyl Chloride	1.39	62	49869	19.640	ug/l	99
5) Bromomethane	1.62	94	36142	20.572	ug/l	98
6) Chloroethane	1.70	64	31452	19.903	ug/l	97
7) Trichlorofluoromethane	1.91	101	92462	20.968	ug/l	100
8) Diethyl Ether	2.17	74	27862	18.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60102	20.912	ug/l	97
10) Methyl Iodide	2.49	142	40652	15.679	ug/l	99
11) Tert butyl alcohol	3.03	59	35404	101.065	ug/l	98
12) 1,1-Dichloroethene	2.36	96	53473	20.033	ug/l	96
13) Acrolein	2.28	56	15919	91.301	ug/l	96
14) Allyl chloride	2.71	41	91748	18.324	ug/l	97
15) Acrylonitrile	3.12	53	79211	95.157	ug/l	98
16) Acetone	2.43	43	75865	96.836	ug/l	99
17) Carbon Disulfide	2.55	76	133676	17.460	ug/l	100
18) Methyl Acetate	2.76	43	41111	18.957	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	170357	19.700	ug/l	99
20) Methylene Chloride	2.84	84	64522	15.958	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	61137	19.444	ug/l	98
22) Diisopropyl ether	3.84	45	192203	18.803	ug/l	93
23) Vinyl Acetate	3.80	43	621646	94.591	ug/l	99
24) 1,1-Dichloroethane	3.68	63	107778	19.120	ug/l	99
25) 2-Butanone	4.66	43	109742	96.177	ug/l	99
26) 2,2-Dichloropropane	4.56	77	101381	21.444	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	74219	20.040	ug/l	99
28) Bromochloromethane	5.00	49	47343	18.717	ug/l	96
29) Tetrahydrofuran	5.11	42	68333	95.946	ug/l	97
30) Chloroform	5.19	83	120477	19.989	ug/l	96
31) Cyclohexane	5.56	56	90779	19.966	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	111545	20.835	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82422	21.043	ug/l	99
37) Ethyl Acetate	4.82	43	47337	20.417	ug/l	99
38) Carbon Tetrachloride	5.77	117	101599	22.366	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011995.D
 Acq On : 01 Sep 2019 16:35
 Operator : SY/SP
 Sample : VX0901SBSD02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0901SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 2:04:53 AM

Quant Time: Sep 02 04:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	102792	22.033	ug/l	95
40) Benzene	6.13	78	243921	20.863	ug/l	100
41) Methacrylonitrile	5.03	41	27548	20.180	ug/l	98
42) 1,2-Dichloroethane	6.18	62	84634	21.287	ug/l	100
43) Isopropyl Acetate	6.43	43	95119	20.235	ug/l	99
44) Trichloroethene	7.20	130	78720	21.762	ug/l	97
45) 1,2-Dichloropropane	7.50	63	62082	20.300	ug/l	99
46) Dibromomethane	7.65	93	38276	21.089	ug/l	97
47) Bromodichloromethane	7.89	83	93654	20.809	ug/l	97
48) Methyl methacrylate	7.76	41	47295	20.679	ug/l	99
49) 1,4-Dioxane	7.73	88	13432	427.074	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	244188	102.258	ug/l	98
52) Toluene	8.78	92	163026	21.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96067	20.838	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	106647	20.608	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56680	21.332	ug/l	97
56) Ethyl methacrylate	9.17	69	75226	20.399	ug/l	99
57) 1,3-Dichloropropane	9.37	76	91899	20.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	183913	104.710	ug/l	97
59) 2-Hexanone	9.49	43	175140	103.251	ug/l	98
60) Dibromochloromethane	9.57	129	76897	21.548	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55622	21.114	ug/l	99
64) Tetrachloroethene	9.33	164	83650	22.468	ug/l	97
65) Chlorobenzene	10.14	112	193646	21.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	79786	21.997	ug/l	99
67) Ethyl Benzene	10.25	91	329945	21.626	ug/l	99
68) m/p-Xylenes	10.35	106	257787	43.758	ug/l	98
69) o-Xylene	10.70	106	124021	21.603	ug/l	99
70) Styrene	10.71	104	216181	21.364	ug/l	99
71) Bromoform	10.85	173	57048	22.243	ug/l #	99
73) Isopropylbenzene	11.01	105	345269	21.518	ug/l	100
74) N-amyl acetate	10.89	43	93363	19.607	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	68311	20.802	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49401m	17.983	ug/l	
77) Bromobenzene	11.25	156	99423	21.365	ug/l	97
78) n-propylbenzene	11.35	91	390040	21.437	ug/l	99
79) 2-Chlorotoluene	11.42	91	229415	20.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	291492	21.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21553	19.710	ug/l	98
82) 4-Chlorotoluene	11.51	91	276891	20.957	ug/l	99
83) tert-Butylbenzene	11.76	119	309366	22.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	297751	20.978	ug/l	100
85) sec-Butylbenzene	11.94	105	356589	21.846	ug/l	99
86) p-Isopropyltoluene	12.06	119	345916	21.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185589	21.458	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	184527	21.105	ug/l	99
89) n-Butylbenzene	12.39	91	299210	21.367	ug/l	99
90) Hexachloroethane	12.59	117	63782	20.830	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	174257	21.671	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13067	19.976	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011995.D
Acq On : 01 Sep 2019 16:35
Operator : SY/SP
Sample : VX0901SBSD02
Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBSD02

Manual Integrations
APPROVED

MMDadoda
9/5/2019 2:04:53 AM

Quant Time: Sep 02 04:47:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141020	20.828	µg/l	99
94) Hexachlorobutadiene	13.78	225	102006	22.559	µg/l	98
95) Naphthalene	13.83	128	227082	19.542	µg/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125752	20.539	µg/l	99

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

