

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012299.D
 Acq On : 11 Sep 2019 13:45
 Operator : SY/SP
 Sample : VX0911SBSD01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:33 AM

Quant Time: Sep 12 06:26:22 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	125560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	218549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	95425	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	5.48	113	74813	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	8.71	98	285299	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
62) 4-Bromofluorobenzene	11.14	95	121171	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22457	21.876	ug/l	95
3) Chloromethane	1.31	50	20893	22.579	ug/l	99
4) Vinyl Chloride	1.40	62	20412	22.248	ug/l	97
5) Bromomethane	1.62	94	9659	23.521	ug/l	97
6) Chloroethane	1.70	64	12599	20.536	ug/l	94
7) Trichlorofluoromethane	1.91	101	35443	21.345	ug/l	99
8) Diethyl Ether	2.17	74	12585	22.211	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25878	23.123	ug/l	98
10) Methyl Iodide	2.50	142	16358	15.358	ug/l	98
11) Tert butyl alcohol	3.03	59	17924m	89.144	ug/l	
12) 1,1-Dichloroethene	2.36	96	21176	22.288	ug/l	97
13) Acrolein	2.28	56	9499	102.364	ug/l	95
14) Allyl chloride	2.71	41	40950	21.140	ug/l	98
15) Acrylonitrile	3.13	53	37949	108.348	ug/l	100
16) Acetone	2.44	43	45298	107.792	ug/l	97
17) Carbon Disulfide	2.55	76	41922	21.012	ug/l	100
18) Methyl Acetate	2.76	43	19220	21.760	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	80168	21.366	ug/l	99
20) Methylene Chloride	2.84	84	29970	21.349	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	24492	21.607	ug/l	97
22) Diisopropyl ether	3.84	45	93455	21.096	ug/l	95
23) Vinyl Acetate	3.80	43	290779	106.983	ug/l	100
24) 1,1-Dichloroethane	3.68	63	50600	21.324	ug/l	99
25) 2-Butanone	4.66	43	58554	108.996	ug/l	93
26) 2,2-Dichloropropane	4.57	77	49317	22.137	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	31181	21.306	ug/l	98
28) Bromochloromethane	5.00	49	22792	20.480	ug/l	98
29) Tetrahydrofuran	5.11	42	32654	112.659	ug/l	98
30) Chloroform	5.20	83	56691	21.187	ug/l	93
31) Cyclohexane	5.56	56	35865	21.758	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	48511	21.114	ug/l	99
36) 1,1-Dichloropropene	5.78	75	35403	22.216	ug/l	98
37) Ethyl Acetate	4.83	43	21618	21.945	ug/l #	94
38) Carbon Tetrachloride	5.77	117	40510	21.667	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012299.D
 Acq On : 11 Sep 2019 13:45
 Operator : SY/SP
 Sample : VX0911SBSD01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:33 AM

Quant Time: Sep 12 06:26:22 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)
39) Methylcyclohexane	7.45	83	38613	22.079	ug/l	98
40) Benzene	6.13	78	107340	22.255	ug/l	99
41) Methacrylonitrile	5.03	41	13547	22.307	ug/l	97
42) 1,2-Dichloroethane	6.18	62	42605	22.350	ug/l	100
43) Isopropyl Acetate	6.44	43	45021	21.677	ug/l	99
44) Trichloroethene	7.20	130	29057	22.261	ug/l	100
45) 1,2-Dichloropropane	7.51	63	29307	21.952	ug/l	95
46) Dibromomethane	7.65	93	16342	22.397	ug/l	98
47) Bromodichloromethane	7.89	83	41002	20.592	ug/l	97
48) Methyl methacrylate	7.76	41	21086	21.211	ug/l	98
49) 1,4-Dioxane	7.73	88	5938	442.657	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	119325	108.860	ug/l	100
52) Toluene	8.78	92	69716	21.884	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	40938	20.599	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	47056	21.352	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	24979	22.097	ug/l	97
56) Ethyl methacrylate	9.17	69	32658	21.338	ug/l	99
57) 1,3-Dichloropropane	9.37	76	42941	22.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	88692	113.063	ug/l	100
59) 2-Hexanone	9.49	43	85103	111.662	ug/l	99
60) Dibromochloromethane	9.57	129	27428	20.784	ug/l	98
61) 1,2-Dibromoethane	9.67	107	23329	22.171	ug/l	98
64) Tetrachloroethene	9.33	164	23767	22.155	ug/l	98
65) Chlorobenzene	10.14	112	80840	21.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	29791	21.323	ug/l	99
67) Ethyl Benzene	10.25	91	144649	21.944	ug/l	97
68) m/p-Xylenes	10.36	106	106769	44.000	ug/l	99
69) o-Xylene	10.70	106	51214	21.545	ug/l	98
70) Styrene	10.71	104	91392	21.679	ug/l	99
71) Bromoform	10.85	173	14657	20.231	ug/l #	98
73) Isopropylbenzene	11.01	105	144075	21.068	ug/l	99
74) N-amyl acetate	10.89	43	41993	20.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	31797	21.650	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	27432m	20.557	ug/l	
77) Bromobenzene	11.25	156	34295	21.782	ug/l	98
78) n-propylbenzene	11.35	91	172512	20.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	107783	21.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	129247	21.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8262	18.551	ug/l	91
82) 4-Chlorotoluene	11.51	91	131135	21.327	ug/l	100
83) tert-Butylbenzene	11.76	119	127677	21.381	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	132416	20.829	ug/l	98
85) sec-Butylbenzene	11.94	105	151966	21.328	ug/l	99
86) p-Isopropyltoluene	12.06	119	139369	21.170	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	69029	21.523	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	69741	21.504	ug/l	98
89) n-Butylbenzene	12.39	91	135136	20.943	ug/l	100
90) Hexachloroethane	12.59	117	24302	20.041	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	62104	20.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6157	20.539	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091119\
Data File : VX012299.D
Acq On : 11 Sep 2019 13:45
Operator : SY/SP
Sample : VX0911SBSD01
Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

Manual Integrations
APPROVED

MMDadoda
9/12/2019 9:26:33 AM

Quant Time: Sep 12 06:26:22 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	41954	20.477	µg/l	98
94) Hexachlorobutadiene	13.78	225	21348	20.944	µg/l	97
95) Naphthalene	13.83	128	91557	20.823	µg/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	38802	21.404	µg/l	98

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

