

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011966.D
 Acq On : 31 Aug 2019 23:21
 Operator : SY/SP
 Sample : VX0831SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBS02

Manual Integrations
 APPROVED

sam
 9/3/2019 12:52:42 PM

Quant Time: Sep 01 03:52:51 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	319753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	465525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	446276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	161868	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	5.48	113	154520	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.71	98	534757	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	226794	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	38340	19.867	ug/l 98
3) Chloromethane	1.31	50	42282	18.900	ug/l 100
4) Vinyl Chloride	1.39	62	39740	18.602	ug/l 99
5) Bromomethane	1.62	94	31276	21.159	ug/l 99
6) Chloroethane	1.70	64	27117	20.396	ug/l 99
7) Trichlorofluoromethane	1.91	101	70531	19.011	ug/l 99
8) Diethyl Ether	2.17	74	25825	20.254	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45278	18.725	ug/l 98
10) Methyl Iodide	2.50	142	40466	17.877	ug/l 99
11) Tert butyl alcohol	3.03	59	30933	104.952	ug/l 99
12) 1,1-Dichloroethene	2.36	96	43595	19.412	ug/l 97
13) Acrolein	2.28	56	13841	94.352	ug/l 100
14) Allyl chloride	2.71	41	82381	19.555	ug/l 97
15) Acrylonitrile	3.12	53	74383	106.207	ug/l 100
16) Acetone	2.43	43	63543	96.402	ug/l 98
17) Carbon Disulfide	2.55	76	112699	17.495	ug/l 100
18) Methyl Acetate	2.76	43	40129	21.993	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	159422	21.912	ug/l 100
20) Methylene Chloride	2.84	84	62370	19.145	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	53281	20.141	ug/l 95
22) Diisopropyl ether	3.84	45	185657	21.587	ug/l 99
23) Vinyl Acetate	3.80	43	564750	102.137	ug/l 100
24) 1,1-Dichloroethane	3.68	63	99750	21.033	ug/l 99
25) 2-Butanone	4.65	43	95158	99.120	ug/l 96
26) 2,2-Dichloropropane	4.56	77	74150	18.641	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	67753	21.743	ug/l 98
28) Bromochloromethane	5.00	49	46123	21.674	ug/l 99
29) Tetrahydrofuran	5.11	42	61621	102.837	ug/l 98
30) Chloroform	5.19	83	111404	21.969	ug/l 96
31) Cyclohexane	5.56	56	69490	18.166	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	93997	20.867	ug/l 99
36) 1,1-Dichloropropene	5.78	75	66871	18.132	ug/l 99
37) Ethyl Acetate	4.81	43	41955	19.218	ug/l 98
38) Carbon Tetrachloride	5.76	117	81460	19.045	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011966.D
 Acq On : 31 Aug 2019 23:21
 Operator : SY/SP
 Sample : VX0831SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0831SBS02

Manual Integrations
 APPROVED

sam
 9/3/2019 12:52:42 PM

Quant Time: Sep 01 03:52:51 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	75010	17.075	ug/l	99
40) Benzene	6.13	78	221524	20.123	ug/l	100
41) Methacrylonitrile	5.02	41	26052	20.267	ug/l	98
42) 1,2-Dichloroethane	6.18	62	79082	21.124	ug/l	98
43) Isopropyl Acetate	6.43	43	87283	19.720	ug/l	99
44) Trichloroethene	7.20	130	68663	20.159	ug/l	95
45) 1,2-Dichloropropane	7.50	63	59563	20.684	ug/l	99
46) Dibromomethane	7.65	93	36005	21.068	ug/l	99
47) Bromodichloromethane	7.89	83	90424	21.338	ug/l	98
48) Methyl methacrylate	7.76	41	42898	19.919	ug/l	100
49) 1,4-Dioxane	7.73	88	12143	410.031	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	221430	98.478	ug/l	99
52) Toluene	8.78	92	147965	20.316	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	85903	19.789	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	98077	20.127	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52576	21.014	ug/l	98
56) Ethyl methacrylate	9.17	69	69189	19.926	ug/l	98
57) 1,3-Dichloropropane	9.37	76	85484	20.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	164019	99.174	ug/l	98
59) 2-Hexanone	9.48	43	153868	96.335	ug/l	100
60) Dibromochloromethane	9.57	129	70912	21.103	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51128	20.612	ug/l	99
64) Tetrachloroethene	9.33	164	76315	21.259	ug/l	98
65) Chlorobenzene	10.14	112	176961	20.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	74033	21.169	ug/l	99
67) Ethyl Benzene	10.25	91	291838	19.839	ug/l	99
68) m/p-Xylenes	10.35	106	226540	39.882	ug/l	100
69) o-Xylene	10.70	106	111491	20.142	ug/l	100
70) Styrene	10.71	104	200616	20.562	ug/l	99
71) Bromoform	10.85	173	50535	20.436	ug/l #	100
73) Isopropylbenzene	11.01	105	295469	19.653	ug/l	100
74) N-amyl acetate	10.89	43	82640	18.522	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	61273	19.914	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52310m	20.323	ug/l	
77) Bromobenzene	11.25	156	90654	20.791	ug/l	98
78) n-propylbenzene	11.35	91	329871	19.349	ug/l	100
79) 2-Chlorotoluene	11.42	91	204987	19.976	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	256355	19.755	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17913	17.483	ug/l	98
82) 4-Chlorotoluene	11.51	91	246398	19.903	ug/l	100
83) tert-Butylbenzene	11.76	119	258339	19.619	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	264987	19.925	ug/l	99
85) sec-Butylbenzene	11.94	105	294393	19.248	ug/l	99
86) p-Isopropyltoluene	12.06	119	285733	19.267	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	166045	20.490	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	168326	20.547	ug/l	99
89) n-Butylbenzene	12.38	91	240155	18.303	ug/l	99
90) Hexachloroethane	12.59	117	57274	19.962	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	155005	20.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11638	18.988	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
Data File : VX011966.D
Acq On : 31 Aug 2019 23:21
Operator : SY/SP
Sample : VX0831SBS02
Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBS02

Manual Integrations
APPROVED

sam
9/3/2019 12:52:42 PM

Quant Time: Sep 01 03:52:51 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	122995	19.388	ug/l	99
94) Hexachlorobutadiene	13.77	225	78837	18.608	ug/l	99
95) Naphthalene	13.83	128	206066	18.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	111197	19.383	ug/l	100

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

