

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011922.D
 Acq On : 30 Aug 2019 23:04
 Operator : SY/SP
 Sample : VX0830SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:41:11 AM

Quant Time: Aug 31 03:14:20 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	317681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	457749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	436638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163338	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.48	113	151523	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	8.71	98	542847	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	226104	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39781	20.748	ug/l	99
3) Chloromethane	1.31	50	45126	20.302	ug/l	100
4) Vinyl Chloride	1.39	62	42111	19.841	ug/l	98
5) Bromomethane	1.62	94	31199	21.245	ug/l	97
6) Chloroethane	1.70	64	27097	20.513	ug/l	94
7) Trichlorofluoromethane	1.91	101	72156	19.575	ug/l	100
8) Diethyl Ether	2.17	74	26160	20.651	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46031	19.161	ug/l	99
10) Methyl Iodide	2.50	142	40439	17.960	ug/l	99
11) Tert butyl alcohol	3.03	59	32451	110.821	ug/l	98
12) 1,1-Dichloroethene	2.36	96	43562	19.524	ug/l	96
13) Acrolein	2.28	56	14739	101.129	ug/l	99
14) Allyl chloride	2.71	41	85040	20.318	ug/l	100
15) Acrylonitrile	3.12	53	73561	105.718	ug/l	99
16) Acetone	2.43	43	62933	96.099	ug/l	99
17) Carbon Disulfide	2.55	76	116971	18.277	ug/l	100
18) Methyl Acetate	2.76	43	41945	23.138	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	152779	21.136	ug/l	99
20) Methylene Chloride	2.84	84	60927	18.733	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	52850	20.108	ug/l	96
22) Diisopropyl ether	3.84	45	179486	21.006	ug/l	97
23) Vinyl Acetate	3.80	43	558262	101.623	ug/l	100
24) 1,1-Dichloroethane	3.68	63	97984	20.795	ug/l	99
25) 2-Butanone	4.65	43	96755	101.441	ug/l	97
26) 2,2-Dichloropropane	4.56	77	77702	19.662	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	65877	21.279	ug/l	98
28) Bromochloromethane	4.99	49	43427	20.540	ug/l	97
29) Tetrahydrofuran	5.11	42	62813	105.510	ug/l	99
30) Chloroform	5.19	83	107640	21.365	ug/l	100
31) Cyclohexane	5.56	56	71661	18.856	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	92699	20.714	ug/l	99
36) 1,1-Dichloropropene	5.78	75	69058	19.043	ug/l	100
37) Ethyl Acetate	4.81	43	42455	19.777	ug/l	100
38) Carbon Tetrachloride	5.77	117	81712	19.428	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011922.D
 Acq On : 30 Aug 2019 23:04
 Operator : SY/SP
 Sample : VX0830SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0830SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:41:11 AM

Quant Time: Aug 31 03:14:20 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	79238	18.344	ug/l	97
40) Benzene	6.13	78	217684	20.110	ug/l	100
41) Methacrylonitrile	5.02	41	25535	20.203	ug/l	99
42) 1,2-Dichloroethane	6.18	62	77189	20.968	ug/l	100
43) Isopropyl Acetate	6.43	43	87091	20.011	ug/l	98
44) Trichloroethene	7.20	130	65931	19.685	ug/l	98
45) 1,2-Dichloropropane	7.50	63	57494	20.305	ug/l	99
46) Dibromomethane	7.65	93	34632	20.609	ug/l	99
47) Bromodichloromethane	7.89	83	84795	20.349	ug/l	99
48) Methyl methacrylate	7.76	41	42267	19.960	ug/l	100
49) 1,4-Dioxane	7.73	88	13021	447.147	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	223693	101.174	ug/l	100
52) Toluene	8.78	92	144134	20.126	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	84507	19.798	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95982	20.032	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50925	20.700	ug/l	99
56) Ethyl methacrylate	9.17	69	66972	19.615	ug/l	99
57) 1,3-Dichloropropane	9.37	76	84072	20.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	168114	103.376	ug/l	99
59) 2-Hexanone	9.48	43	159540	101.583	ug/l	100
60) Dibromochloromethane	9.57	129	67302	20.369	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50224	20.591	ug/l	98
64) Tetrachloroethene	9.33	164	71433	20.338	ug/l	98
65) Chlorobenzene	10.14	112	171383	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	69766	20.389	ug/l	99
67) Ethyl Benzene	10.25	91	286550	19.909	ug/l	99
68) m/p-Xylenes	10.36	106	224001	40.305	ug/l	99
69) o-Xylene	10.70	106	110935	20.484	ug/l	98
70) Styrene	10.71	104	194120	20.336	ug/l	99
71) Bromoform	10.85	173	49657	20.524	ug/l	99
73) Isopropylbenzene	11.01	105	288020	19.320	ug/l	100
74) N-amyl acetate	10.89	43	85458	19.316	ug/l	# 92
75) 1,1,2,2-Tetrachloroethane	11.26	83	60569	19.852	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53055m	20.787	ug/l	
77) Bromobenzene	11.25	156	86801	20.075	ug/l	100
78) n-propylbenzene	11.35	91	334784	19.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	204305	20.078	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	255905	19.887	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19179	18.877	ug/l	98
82) 4-Chlorotoluene	11.51	91	246125	20.049	ug/l	100
83) tert-Butylbenzene	11.76	119	260462	19.948	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	265347	20.121	ug/l	99
85) sec-Butylbenzene	11.94	105	298321	19.670	ug/l	100
86) p-Isopropyltoluene	12.06	119	288757	19.635	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	163265	20.317	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	165620	20.388	ug/l	99
89) n-Butylbenzene	12.39	91	252840	19.433	ug/l	100
90) Hexachloroethane	12.59	117	55169	19.391	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	150067	20.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12839	21.125	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
Data File : VX011922.D
Acq On : 30 Aug 2019 23:04
Operator : SY/SP
Sample : VX0830SBS02
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

Manual Integrations
APPROVED

MMDadoda
9/3/2019 2:41:11 AM

Quant Time: Aug 31 03:14:20 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	126985	20.186	ug/l	99
94) Hexachlorobutadiene	13.78	225	82140	19.552	ug/l	99
95) Naphthalene	13.83	128	219364	20.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117256	20.612	ug/l	99

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

