

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011898.D
 Acq On : 30 Aug 2019 04:28
 Operator : SY/SP
 Sample : VX0829SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:24 AM

Quant Time: Aug 30 06:29:18 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	5.65	168	314944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	455202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261814	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	178893	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	5.48	113	161949	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.71	98	579028	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.13	95	240267	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	37576	19.768	ug/l 97
3) Chloromethane	1.31	50	47210	21.425	ug/l 98
4) Vinyl Chloride	1.40	62	42212	20.061	ug/l 98
5) Bromomethane	1.62	94	33714	23.157	ug/l 100
6) Chloroethane	1.70	64	27833	21.254	ug/l 95
7) Trichlorofluoromethane	1.91	101	71258	19.500	ug/l 98
8) Diethyl Ether	2.18	74	28597	22.771	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45810	19.234	ug/l 100
10) Methyl Iodide	2.50	142	37187	16.926	ug/l 99
11) Tert butyl alcohol	3.03	59	34574	119.097	ug/l 99
12) 1,1-Dichloroethene	2.35	96	44074	19.925	ug/l 95
13) Acrolein	2.28	56	16577	114.728	ug/l 100
14) Allyl chloride	2.71	41	88704	21.378	ug/l 99
15) Acrylonitrile	3.13	53	81619	118.318	ug/l 100
16) Acetone	2.43	43	68252	105.127	ug/l 99
17) Carbon Disulfide	2.56	76	124029	19.548	ug/l 99
18) Methyl Acetate	2.76	43	43104	23.984	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	168684	23.539	ug/l 100
20) Methylene Chloride	2.84	84	68764	22.080	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	56230	21.580	ug/l 97
22) Diisopropyl ether	3.84	45	196412	23.187	ug/l 99
23) Vinyl Acetate	3.80	43	620925	114.012	ug/l 99
24) 1,1-Dichloroethane	3.68	63	104020	22.268	ug/l 99
25) 2-Butanone	4.66	43	108756	115.015	ug/l 100
26) 2,2-Dichloropropane	4.56	77	75426	19.252	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	70415	22.943	ug/l 98
28) Bromochloromethane	5.00	49	45962	21.928	ug/l 99
29) Tetrahydrofuran	5.12	42	69808	118.278	ug/l 98
30) Chloroform	5.20	83	113279	22.680	ug/l 95
31) Cyclohexane	5.56	56	73678	19.555	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	93759	21.132	ug/l 100
36) 1,1-Dichloropropene	5.79	75	69416	18.366	ug/l 99
37) Ethyl Acetate	4.82	43	48794	21.810	ug/l 98
38) Carbon Tetrachloride	5.77	117	80999	18.479	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011898.D
 Acq On : 30 Aug 2019 04:28
 Operator : SY/SP
 Sample : VX0829SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0829SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:24 AM

Quant Time: Aug 30 06:29:18 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	79370	17.631	ug/l	95
40) Benzene	6.13	78	230783	20.456	ug/l	98
41) Methacrylonitrile	5.03	41	28777	21.846	ug/l	97
42) 1,2-Dichloroethane	6.18	62	83060	21.650	ug/l	100
43) Isopropyl Acetate	6.43	43	98306	21.673	ug/l	99
44) Trichloroethene	7.21	130	69981	20.049	ug/l	99
45) 1,2-Dichloropropane	7.51	63	62556	21.198	ug/l	97
46) Dibromomethane	7.65	93	37340	21.321	ug/l	99
47) Bromodichloromethane	7.89	83	92802	21.369	ug/l	100
48) Methyl methacrylate	7.76	41	48365	21.915	ug/l	99
49) 1,4-Dioxane	7.74	88	13292	437.971	ug/l #	95
51) 4-Methyl-2-Pentanone	8.63	43	251953	109.342	ug/l	100
52) Toluene	8.78	92	154152	20.654	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	91256	20.514	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102269	20.480	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54987	21.446	ug/l	99
56) Ethyl methacrylate	9.17	69	76118	21.391	ug/l	100
57) 1,3-Dichloropropane	9.37	76	92095	21.641	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	172683	101.886	ug/l	99
59) 2-Hexanone	9.49	43	175511	107.227	ug/l	100
60) Dibromochloromethane	9.58	129	74088	21.515	ug/l	99
61) 1,2-Dibromoethane	9.66	107	54803	21.559	ug/l	99
64) Tetrachloroethene	9.33	164	75949	20.742	ug/l	98
65) Chlorobenzene	10.13	112	180509	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	74594	20.911	ug/l	99
67) Ethyl Benzene	10.25	91	298839	19.916	ug/l	100
68) m/p-Xylenes	10.35	106	230426	39.770	ug/l	99
69) o-Xylene	10.69	106	115624	20.479	ug/l	99
70) Styrene	10.71	104	204310	20.530	ug/l	100
71) Bromoform	10.85	173	53455	21.193	ug/l #	100
73) Isopropylbenzene	11.01	105	297344	19.766	ug/l	99
74) N-amyl acetate	10.89	43	93452	20.933	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	65444	21.257	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	56027m	21.754	ug/l	
77) Bromobenzene	11.25	156	91986	21.084	ug/l	99
78) n-propylbenzene	11.35	91	335168	19.648	ug/l	100
79) 2-Chlorotoluene	11.41	91	210912	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	261254	20.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19816	19.329	ug/l	99
82) 4-Chlorotoluene	11.51	91	253423	20.459	ug/l	100
83) tert-Butylbenzene	11.77	119	258895	19.650	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	269272	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	294164	19.222	ug/l	99
86) p-Isopropyltoluene	12.06	119	287581	19.380	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167068	20.604	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	168706	20.581	ug/l	99
89) n-Butylbenzene	12.38	91	243319	18.534	ug/l	100
90) Hexachloroethane	12.59	117	57943	20.183	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	158600	21.038	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13186	21.501	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
Data File : VX011898.D
Acq On : 30 Aug 2019 04:28
Operator : SY/SP
Sample : VX0829SBSD01
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829SBSD01

Manual Integrations
APPROVED

MMDadoda
9/3/2019 2:39:24 AM

Quant Time: Aug 30 06:29:18 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	126524	19.932	ug/l	100
94) Hexachlorobutadiene	13.78	225	79133	18.667	ug/l	99
95) Naphthalene	13.83	128	229472	21.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116434	20.284	ug/l	99

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

