

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011881.D
 Acq On : 28 Aug 2019 21:06
 Operator : SY/SP
 Sample : VX0828SBS01
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828SBS01

Quant Time: Aug 29 12:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 11:49:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	306480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	445496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	228899	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	155976	57.35	ug/l	0.00
Spiked Amount						
			Recovery	=	114.70%	
35) Dibromofluoromethane	5.49	113	139865	51.66	ug/l	0.00
Spiked Amount						
			Recovery	=	103.32%	
50) Toluene-d8	8.71	98	548176	54.39	ug/l	0.00
Spiked Amount						
			Recovery	=	108.78%	
62) 4-Bromofluorobenzene	11.13	95	213955	53.22	ug/l	0.00
Spiked Amount						
			Recovery	=	106.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	38285	20.148	ug/l	99
3) Chloromethane	1.32	50	46639	19.357	ug/l	98
4) Vinyl Chloride	1.40	62	42633	19.394	ug/l	98
5) Bromomethane	1.63	94	28126	21.820	ug/l	98
6) Chloroethane	1.71	64	25443	18.076	ug/l	99
7) Trichlorofluoromethane	1.92	101	69878	19.338	ug/l	98
8) Diethyl Ether	2.18	74	24128	21.898	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45312	19.512	ug/l	99
10) Methyl Iodide	2.50	142	27253	11.412	ug/l	97
11) Tert butyl alcohol	3.04	59	21983	128.812	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	48130	20.947	ug/l	98
13) Acrolein	2.28	56	13970	136.248	ug/l	96
14) Allyl chloride	2.71	41	72903	18.789	ug/l	99
15) Acrylonitrile	3.14	53	62523	106.771	ug/l	98
16) Acetone	2.43	43	123204	149.663	ug/l	99
17) Carbon Disulfide	2.56	76	124269	17.916	ug/l	100
18) Methyl Acetate	2.76	43	47695	30.120	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	136611	21.875	ug/l	97
20) Methylene Chloride	2.85	84	64268	23.827	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	52088	20.048	ug/l	97
22) Diisopropyl ether	3.85	45	165998	21.545	ug/l	99
23) Vinyl Acetate	3.81	43	311269	91.794	ug/l	99
24) 1,1-Dichloroethane	3.68	63	92251	20.305	ug/l	99
25) 2-Butanone	4.66	43	80735	101.329	ug/l	96
26) 2,2-Dichloropropane	4.57	77	57746	15.587	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	62394	21.050	ug/l	98
28) Bromochloromethane	5.01	49	47875	23.470	ug/l	100
29) Tetrahydrofuran	5.12	42	52018	110.322	ug/l	100
30) Chloroform	5.20	83	101264	21.301	ug/l	98
31) Cyclohexane	5.57	56	76897	19.439	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	82189	19.225	ug/l	98
36) 1,1-Dichloropropene	5.79	75	68905	18.803	ug/l	99
37) Ethyl Acetate	4.82	43	30227	19.617	ug/l	99
38) Carbon Tetrachloride	5.77	117	60503	16.945	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83684	18.686	ug/l	95
40) Benzene	6.13	78	211294	19.990	ug/l	99
41) Methacrylonitrile	5.03	41	21167	20.251	ug/l	100
42) 1,2-Dichloroethane	6.18	62	69782	20.792	ug/l	100
43) Isopropyl Acetate	6.43	43	60186	19.881	ug/l	99
44) Trichloroethene	7.21	130	73661	20.731	ug/l	96
45) 1,2-Dichloropropane	7.51	63	53081	20.181	ug/l	99
46) Dibromomethane	7.66	93	32272	20.710	ug/l	99
47) Bromodichloromethane	7.89	83	71322	19.466	ug/l	97
48) Methyl methacrylate	7.76	41	30112	19.890	ug/l	97
49) 1,4-Dioxane	7.74	88	7613	466.685	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	143082	117.333	ug/l	100
52) Toluene	8.78	92	135255	19.856	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	51412	16.470	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	69888	17.733	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42782	21.068	ug/l	96
56) Ethyl methacrylate	9.17	69	39670	20.036	ug/l	99
57) 1,3-Dichloropropane	9.37	76	68475	20.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	56247	105.586	ug/l	99
59) 2-Hexanone	9.49	43	91261	117.108	ug/l	98
60) Dibromochloromethane	9.58	129	52507	19.432	ug/l	99
61) 1,2-Dibromoethane	9.66	107	38344	19.286	ug/l	97
64) Tetrachloroethene	9.33	164	86612	21.600	ug/l	97
65) Chlorobenzene	10.13	112	148332	19.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	52115	18.615	ug/l	98
67) Ethyl Benzene	10.25	91	250110	19.081	ug/l	99
68) m/p-Xylenes	10.35	106	192001	38.480	ug/l	100
69) o-Xylene	10.69	106	92008	19.596	ug/l	100
70) Styrene	10.71	104	151741	19.541	ug/l	99
71) Bromoform	10.85	173	33728	18.593	ug/l #	98
73) Isopropylbenzene	11.01	105	240075	18.163	ug/l	99
74) N-amyl acetate	6.43	43	60186	18.082	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	40512	18.317	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	31561m	18.568	ug/l	
77) Bromobenzene	11.25	156	68848	18.684	ug/l	99
78) n-propylbenzene	11.35	91	263554	18.126	ug/l	100
79) 2-Chlorotoluene	11.41	91	164901	18.097	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	203355	18.337	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7023	14.704	ug/l	92
82) 4-Chlorotoluene	11.51	91	193556	18.323	ug/l	99
83) tert-Butylbenzene	11.77	119	188732	18.313	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	197391	18.764	ug/l	100
85) sec-Butylbenzene	11.94	105	225908	18.869	ug/l	100
86) p-Isopropyltoluene	12.06	119	210029	19.046	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	122311	18.485	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	120048	18.733	ug/l	99
89) n-Butylbenzene	12.38	91	175102	19.140	ug/l	99
90) Hexachloroethane	12.59	117	26494	14.971	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	109232	19.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5809	18.655	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	79664	20.321	ug/l	100
94) Hexachlorobutadiene	13.78	225	53129	18.587	ug/l	99
95) Naphthalene	13.83	128	106965	22.693	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69586	21.876	ug/l	98

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

