

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011871.D
 Acq On : 28 Aug 2019 12:01
 Operator : SY/SP
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 29 11:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 12:26:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	354310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	499397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238325	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	158872	44.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.68%	
35) Dibromofluoromethane	5.49	113	150990	51.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.70%	
50) Toluene-d8	8.71	98	557231	45.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	201548	44.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	105460	35.265	ug/l	100
3) Chloromethane	1.32	50	133857	35.608	ug/l	100
4) Vinyl Chloride	1.40	62	129247	31.963	ug/l	100
5) Bromomethane	1.64	94	76230	31.317	ug/l	100
6) Chloroethane	1.71	64	78628	29.405	ug/l	100
7) Trichlorofluoromethane	1.92	101	214162	40.390	ug/l	100
8) Diethyl Ether	2.18	74	66973	33.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140663	41.819	ug/l	100
10) Methyl Iodide	2.50	142	156901	40.573	ug/l	100
11) Tert butyl alcohol	3.04	59	53954	92.986	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140248	44.285	ug/l	100
13) Acrolein	2.28	56	29848	157.228	ug/l	100
14) Allyl chloride	2.72	41	234624	41.793	ug/l	100
15) Acrylonitrile	3.14	53	182367	123.586	ug/l	100
16) Acetone	2.43	43	256135	187.130	ug/l	100
17) Carbon Disulfide	2.56	76	424154	41.164	ug/l	100
18) Methyl Acetate	2.76	43	102736	26.709	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	384955	44.657	ug/l	100
20) Methylene Chloride	2.85	84	161295	38.437	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	159744	46.035	ug/l	100
22) Diisopropyl ether	3.85	45	471461	46.522	ug/l	100
23) Vinyl Acetate	3.81	43	1060634	145.111	ug/l	100
24) 1,1-Dichloroethane	3.69	63	278639	47.146	ug/l	100
25) 2-Butanone	4.66	43	255684	128.141	ug/l	100
26) 2,2-Dichloropropane	4.57	77	223321	47.977	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	180794	48.346	ug/l	100
28) Bromochloromethane	5.01	49	118700	44.774	ug/l	100
29) Tetrahydrofuran	5.12	42	145530	114.447	ug/l	100
30) Chloroform	5.20	83	289340	49.683	ug/l	100
31) Cyclohexane	5.57	56	235629	41.274	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	262127	52.370	ug/l	100
36) 1,1-Dichloropropene	5.79	75	217001	46.399	ug/l	100
37) Ethyl Acetate	4.82	43	94267	26.240	ug/l	100
38) Carbon Tetrachloride	5.78	117	205911	47.600	ug/l	100

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39) Methylcyclohexane	7.46	83	255255	44.455	ug/l	100
40) Benzene	6.13	78	628697	46.910	ug/l	100
41) Methacrylonitrile	5.04	41	61943	30.589	ug/l	100
42) 1,2-Dichloroethane	6.18	62	199687	49.330	ug/l	100
43) Isopropyl Acetate	6.43	43	179530	31.364	ug/l	100
44) Trichloroethene	7.21	130	209245	54.730	ug/l	100
45) 1,2-Dichloropropane	7.51	63	154223	46.793	ug/l	100
46) Dibromomethane	7.65	93	91591	48.224	ug/l	100
47) Bromodichloromethane	7.89	83	216421	57.180	ug/l	100
48) Methyl methacrylate	7.76	41	90870	31.649	ug/l	100
49) 1,4-Dioxane	7.73	88	18170	313.546	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	360833	102.574	ug/l	100
52) Toluene	8.78	92	402498	48.145	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	186289	43.094	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	235023	48.776	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	121451	42.211	ug/l	100
56) Ethyl methacrylate	9.17	69	119307	30.187	ug/l	100
57) 1,3-Dichloropropane	9.37	76	201915	41.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	163249	86.342	ug/l	100
59) 2-Hexanone	9.49	43	240318	89.674	ug/l	100
60) Dibromochloromethane	9.58	129	160521	55.397	ug/l	100
61) 1,2-Dibromoethane	9.66	107	118283	40.264	ug/l	100
64) Tetrachloroethene	9.33	164	228944	63.870	ug/l	100
65) Chlorobenzene	10.13	112	437530	45.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161204	51.873	ug/l	100
67) Ethyl Benzene	10.25	91	753894	46.852	ug/l	100
68) m/p-Xylenes	10.35	106	576535	91.592	ug/l	100
69) o-Xylene	10.69	106	269206	46.059	ug/l	100
70) Styrene	10.71	104	449145	45.677	ug/l	100
71) Bromoform	10.85	173	106664	49.919	ug/l	100
73) Isopropylbenzene	11.01	105	707831	47.442	ug/l	100
74) N-amyl acetate	6.43	43	179530	33.948	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.26	83	118934	30.662	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	92196m	28.066	ug/l	
77) Bromobenzene	11.25	156	198841	51.119	ug/l	100
78) n-propylbenzene	11.35	91	781469	43.234	ug/l	100
79) 2-Chlorotoluene	11.41	91	490419	47.790	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	599435	47.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26009	23.452	ug/l	100
82) 4-Chlorotoluene	11.51	91	570545	45.837	ug/l	100
83) tert-Butylbenzene	11.77	119	549442	43.621	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	568695	43.385	ug/l	100
85) sec-Butylbenzene	11.94	105	643513	39.934	ug/l	100
86) p-Isopropyltoluene	12.06	119	595787	40.678	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	355096	45.129	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	344080	42.861	ug/l	100
89) n-Butylbenzene	12.38	91	487718	34.988	ug/l	100
90) Hexachloroethane	12.59	117	92863	42.699	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	305866	41.741	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15905	20.666	ug/l	100

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93) 1,2,4-Trichlorobenzene	13.64	180	212428	36.545	ug/l	100
94) Hexachlorobutadiene	13.78	225	153507	41.295	ug/l	100
95) Naphthalene	13.83	128	256792	20.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	172756	32.740	ug/l	100

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

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