

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011872.D
 Acq On : 28 Aug 2019 12:27
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 28 12:49:57 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	346555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	488756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	307458	87.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.44%	
35) Dibromofluoromethane	5.49	113	290886	101.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.16%	
50) Toluene-d8	8.71	98	1088548	90.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.44%	
62) 4-Bromofluorobenzene	11.13	95	395249	89.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	174164	59.542	ug/l	99
3) Chloromethane	1.32	50	223303	60.730	ug/l	99
4) Vinyl Chloride	1.40	62	211458	53.464	ug/l	99
5) Bromomethane	1.63	94	119931	50.373	ug/l	100
6) Chloroethane	1.71	64	129234	49.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	345467	66.612	ug/l	100
8) Diethyl Ether	2.18	74	109573	55.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227590	69.177	ug/l	100
10) Methyl Iodide	2.50	142	266672	70.502	ug/l	100
11) Tert butyl alcohol	3.04	59	90240	159.002	ug/l	98
12) 1,1-Dichloroethene	2.36	96	230554	74.430	ug/l	97
13) Acrolein	2.29	56	50875	273.988	ug/l	98
14) Allyl chloride	2.72	41	381296	69.440	ug/l	99
15) Acrylonitrile	3.14	53	296909	205.710	ug/l	99
16) Acetone	2.43	43	392891	293.466	ug/l	99
17) Carbon Disulfide	2.56	76	692298	68.691	ug/l	100
18) Methyl Acetate	2.76	43	172495	45.849	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	630872	74.823	ug/l	99
20) Methylene Chloride	2.85	84	259588	63.244	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	261206	76.959	ug/l	98
22) Diisopropyl ether	3.85	45	777550	78.442	ug/l	99
23) Vinyl Acetate	3.81	43	1727679	241.662	ug/l	100
24) 1,1-Dichloroethane	3.69	63	455860	78.858	ug/l	99
25) 2-Butanone	4.66	43	418985	214.681	ug/l	98
26) 2,2-Dichloropropane	4.57	77	356657	78.337	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	297362	81.297	ug/l	99
28) Bromochloromethane	5.00	49	256068	98.752	ug/l	99
29) Tetrahydrofuran	5.12	42	245540	197.418	ug/l	100
30) Chloroform	5.20	83	468887	82.315	ug/l	99
31) Cyclohexane	5.57	56	380011	68.054	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	424583	86.725	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348958	76.239	ug/l	99
37) Ethyl Acetate	4.82	43	154890	44.053	ug/l	100
38) Carbon Tetrachloride	5.77	117	340865	80.512	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410387	73.028	ug/l	99
40) Benzene	6.13	78	1023533	78.033	ug/l	100
41) Methacrylonitrile	5.03	41	102964	51.954	ug/l	99
42) 1,2-Dichloroethane	6.18	62	328155	82.832	ug/l	99
43) Isopropyl Acetate	6.43	43	301197	53.765	ug/l	100
44) Trichloroethene	7.21	130	341158	91.176	ug/l	99
45) 1,2-Dichloropropane	7.51	63	256938	79.655	ug/l	98
46) Dibromomethane	7.65	93	149120	80.223	ug/l	100
47) Bromodichloromethane	7.89	83	359638	97.088	ug/l	99
48) Methyl methacrylate	7.76	41	150389	53.519	ug/l	100
49) 1,4-Dioxane	7.74	88	32447	572.105	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	618930	179.774	ug/l	100
52) Toluene	8.78	92	658235	80.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	307329	72.642	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	387871	82.249	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	199001	70.669	ug/l	98
56) Ethyl methacrylate	9.17	69	202612	52.381	ug/l	99
57) 1,3-Dichloropropane	9.37	76	328201	69.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	357220	193.047	ug/l	100
59) 2-Hexanone	9.49	43	405854	154.740	ug/l	100
60) Dibromochloromethane	9.58	129	267837	94.444	ug/l	99
61) 1,2-Dibromoethane	9.67	107	195280	67.921	ug/l	99
64) Tetrachloroethene	9.33	164	370275	104.437	ug/l	98
65) Chlorobenzene	10.13	112	729521	77.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	269223	87.588	ug/l	100
67) Ethyl Benzene	10.25	91	1244453	78.191	ug/l	99
68) m/p-Xylenes	10.35	106	956448	153.624	ug/l	100
69) o-Xylene	10.69	106	452598	78.291	ug/l	99
70) Styrene	10.71	104	761678	78.316	ug/l	100
71) Bromoform	10.85	173	177775	84.117	ug/l	97
73) Isopropylbenzene	11.01	105	1180001	78.072	ug/l	100
74) N-amyl acetate	6.43	43	301197	56.223	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.26	83	195739	49.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152616m	45.861	ug/l	
77) Bromobenzene	11.25	156	336771	85.466	ug/l	98
78) n-propylbenzene	11.36	91	1318131	71.987	ug/l	100
79) 2-Chlorotoluene	11.41	91	815972	78.491	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1006842	78.045	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43219	38.469	ug/l	99
82) 4-Chlorotoluene	11.51	91	950853	75.409	ug/l	99
83) tert-Butylbenzene	11.77	119	938398	73.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	958277	72.165	ug/l	100
85) sec-Butylbenzene	11.94	105	1091038	66.835	ug/l	100
86) p-Isopropyltoluene	12.06	119	1008903	67.999	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	599687	75.234	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	585623	72.012	ug/l	100
89) n-Butylbenzene	12.38	91	843085	59.703	ug/l	99
90) Hexachloroethane	12.59	117	161789	73.436	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	520364	70.101	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27477	35.242	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372823	63.314	ug/l	99
94) Hexachlorobutadiene	13.78	225	263345	69.932	ug/l	99
95) Naphthalene	13.83	128	454902	36.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298389	55.823	ug/l	99

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

