

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012819\
 Data File : VD060795.D
 Acq On : 28 Jan 2019 17:07
 Operator : JC/SY
 Sample : VSTDIC075
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 4:55:46 PM

Quant Time: Jan 29 13:48:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 12:47:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.79	168	624389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.98	114	890836	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	631989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	332832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.22	65	683265	71.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.76%	
35) Dibromofluoromethane	6.68	113	608692	71.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.50%	
50) Toluene-d8	10.19	98	1386964	69.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.04%	
62) 4-Bromofluorobenzene	13.35	95	691296	68.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	612357	80.663	ug/l	98
3) Chloromethane	1.75	50	321091	70.644	ug/l	100
4) Vinyl Chloride	1.84	62	373188	77.352	ug/l	92
5) Bromomethane	2.13	94	108083m	66.716	ug/l	
6) Chloroethane	2.24	64	123904	71.354	ug/l	87
7) Trichlorofluoromethane	2.48	101	680572	71.661	ug/l	99
8) Diethyl Ether	2.80	74	109284	78.092	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.05	101	351269	72.983	ug/l	95
10) Methyl Iodide	3.21	142	387001	76.800	ug/l	97
11) Tert butyl alcohol	3.92	59	173801	379.930	ug/l	96
12) 1,1-Dichloroethene	3.04	96	236268	71.836	ug/l	98
13) Acrolein	2.96	56	54366	292.732	ug/l #	80
14) Allyl chloride	3.50	41	544617	71.154	ug/l	98
15) Acrylonitrile	4.04	53	358715	349.970	ug/l	96
16) Acetone	3.13	43	486822m	353.464	ug/l	
17) Carbon Disulfide	3.28	76	822615	70.608	ug/l	96
18) Methyl Acetate	3.52	43	193359	70.548	ug/l	98
19) Methyl tert-butyl Ether	4.08	73	1088293	72.477	ug/l	98
20) Methylene Chloride	3.67	84	448464	63.635	ug/l	96
21) trans-1,2-Dichloroethene	4.05	96	395685	68.245	ug/l	98
22) Diisopropyl ether	4.89	45	1450762	73.554	ug/l	90
23) Vinyl Acetate	4.83	43	4199735	369.751	ug/l	98
24) 1,1-Dichloroethane	4.76	63	915059	70.869	ug/l	98
25) 2-Butanone	5.84	43	703469	397.523	ug/l	100
26) 2,2-Dichloropropane	5.79	77	957829	70.403	ug/l	96
27) cis-1,2-Dichloroethene	5.80	96	469516	71.100	ug/l	96
28) Bromochloromethane	6.19	49	361122	71.694	ug/l	99
29) Tetrahydrofuran	6.23	42	325157	382.621	ug/l	99
30) Chloroform	6.42	83	1136305	74.457	ug/l	97
31) Cyclohexane	6.71	56	638954	72.731	ug/l	97
32) 1,1,1-Trichloroethane	6.63	97	1057484	71.955	ug/l	94
36) 1,1-Dichloropropene	6.90	75	757693	71.236	ug/l	98
37) Ethyl Acetate	5.94	43	331566	69.833	ug/l #	93
38) Carbon Tetrachloride	6.87	117	953233	71.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.63	83	653913	73.412	ug/l	99
40) Benzene	7.22	78	1487177	70.843	ug/l	99
41) Methacrylonitrile	6.22	41	258582m	82.821	ug/l	
42) 1,2-Dichloroethane	7.34	62	847482	69.492	ug/l	100
43) Isopropyl Acetate	9.01	43	465029	75.093	ug/l #	98
44) Trichloroethene	8.30	130	536325	75.363	ug/l	96
45) 1,2-Dichloropropane	8.70	63	441622	77.713	ug/l	99
46) Dibromomethane	8.83	93	331971	75.252	ug/l	98
47) Bromodichloromethane	9.14	83	920661	77.318	ug/l	98
48) Methyl methacrylate	8.88	41	329973	77.270	ug/l	98
49) 1,4-Dioxane	8.85	88	55299	1670.241	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	1477643	368.461	ug/l	100
52) Toluene	10.29	92	921944	69.235	ug/l	99
53) t-1,3-Dichloropropene	10.69	75	749049	71.515	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	823601	76.681	ug/l	97
55) 1,1,2-Trichloroethane	10.97	97	337732	74.390	ug/l	98
56) Ethyl methacrylate	10.82	69	392654	71.394	ug/l	99
57) 1,3-Dichloropropane	11.19	76	543823	70.088	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.63	63	977798	338.842	ug/l	98
59) 2-Hexanone	11.32	43	1129249	374.499	ug/l	99
60) Dibromochloromethane	11.47	129	588721	72.129	ug/l	99
61) 1,2-Dibromoethane	11.59	107	392427	73.395	ug/l	96
64) Tetrachloroethene	11.04	164	453288	78.151	ug/l	97
65) Chlorobenzene	12.19	112	1069029	74.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.31	131	479569	77.289	ug/l	97
67) Ethyl Benzene	12.32	91	1869058	71.969	ug/l	99
68) m/p-Xylenes	12.46	106	1196300	141.587	ug/l	97
69) o-Xylene	12.85	106	629968	75.332	ug/l	97
70) Styrene	12.87	104	1079436	76.974	ug/l	97
71) Bromoform	13.04	173	389093	83.229	ug/l	97
73) Isopropylbenzene	13.20	105	1836726	69.214	ug/l	100
74) N-amyl acetate	13.06	43	644636	79.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.50	83	383683	79.407	ug/l	98
76) 1,2,3-Trichloropropane	13.54	75	467279	76.561	ug/l	96
77) Bromobenzene	13.47	156	494306	72.463	ug/l	99
78) n-propylbenzene	13.58	91	2555591	76.714	ug/l	99
79) 2-Chlorotoluene	13.65	91	1504724	74.055	ug/l	100
80) 1,3,5-Trimethylbenzene	14.04	105	1729651	75.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.27	75	132856	83.494	ug/l	96
82) 4-Chlorotoluene	13.74	91	1651547	73.133	ug/l	90
83) tert-Butylbenzene	13.99	119	1769752	74.044	ug/l	98
84) 1,2,4-Trimethylbenzene	14.04	105	1729651	75.712	ug/l	99
85) sec-Butylbenzene	14.17	105	1905792	70.047	ug/l	98
86) p-Isopropyltoluene	14.30	119	1532904	69.395	ug/l	99
87) 1,3-Dichlorobenzene	14.26	146	917406	75.190	ug/l	99
88) 1,4-Dichlorobenzene	14.34	146	889497	75.032	ug/l	98
89) n-Butylbenzene	14.60	91	1643993	71.332	ug/l	99
90) Hexachloroethane	14.81	117	497288	75.652	ug/l	80
91) 1,2-Dichlorobenzene	14.61	146	727647	71.849	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.18	75	96448	84.019	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	612284	69.823	ug/l	99
94) Hexachlorobutadiene	15.84	225	492268	74.818	ug/l	97
95) Naphthalene	15.93	128	1140492	84.648	ug/l	100
96) 1,2,3-Trichlorobenzene	16.08	180	580508	76.130	ug/l	97

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

