

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082218\
 Data File : VD059872.D
 Acq On : 22 Aug 2018 13:12
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 8/23/2018 10:52:33 AM

Quant Time: Aug 23 01:30:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 01:14:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1189310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1657752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1388035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	693214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	98103	10.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	20.52%		
35) Dibromofluoromethane	6.32	113	126804	10.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	20.02%		
50) Toluene-d8	9.46	98	351178	10.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	20.16%		
62) 4-Bromofluorobenzene	12.43	95	146770	10.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	21.02%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	97616	9.41	ug/l	96
3) Chloromethane	1.74	50	88132	9.20	ug/l	97
4) Vinyl Chloride	1.84	62	66165	8.79	ug/l	94
5) Bromomethane	2.13	94	10523	11.90	ug/l	97
6) Chloroethane	2.24	64	23063	12.07	ug/l	97
7) Trichlorofluoromethane	2.50	101	80644	9.88	ug/l	100
8) Diethyl Ether	2.81	74	18803	10.07	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.08	101	52616	10.13	ug/l	98
10) Methyl Iodide	3.23	142	35614	7.26	ug/l	94
11) Tert butyl alcohol	3.87	59	32860	42.19	ug/l	99
12) 1,1-Dichloroethene	3.06	96	40547	10.25	ug/l	90
13) Acrolein	2.97	56	12195	39.47	ug/l #	62
14) Allyl chloride	3.52	41	87602	9.41	ug/l	95
15) Acrylonitrile	4.08	53	145526	51.20	ug/l	98
16) Acetone	3.15	43	77026	44.45	ug/l	96
17) Carbon Disulfide	3.30	76	103508	8.42	ug/l	98
18) Methyl Acetate	3.55	43	33513	8.77	ug/l	96
19) Methyl tert-butyl Ether	4.12	73	234006	9.89	ug/l	97
20) Methylene Chloride	3.71	84	154465	10.86	ug/l	98
21) trans-1,2-Dichloroethene	4.09	96	106703	9.53	ug/l	96
22) Diisopropyl ether	4.85	45	474187	10.01	ug/l	99
23) Vinyl Acetate	4.80	43	1388920	52.60	ug/l	99
24) 1,1-Dichloroethane	4.75	63	200244	9.80	ug/l	99
25) 2-Butanone	5.62	43	238192	46.03	ug/l	99
26) 2,2-Dichloropropane	5.59	77	179433	10.75	ug/l	97
27) cis-1,2-Dichloroethene	5.60	96	122075	9.82	ug/l	99
28) Bromochloromethane	5.92	49	98156	10.00	ug/l	93
29) Tetrahydrofuran	5.96	42	126876	49.13	ug/l	99
30) Chloroform	6.10	83	205973	9.87	ug/l	94
31) Cyclohexane	6.37	56	188721	10.11	ug/l	95
32) 1,1,1-Trichloroethane	6.29	97	174466	9.86	ug/l	98
36) 1,1-Dichloropropene	6.52	75	140806	9.58	ug/l	99
37) Ethyl Acetate	5.69	43	115828	9.82	ug/l	99
38) Carbon Tetrachloride	6.50	117	150353	10.09	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	154686	9.53	ug/l	98
40) Benzene	6.80	78	370385	9.61	ug/l	98
41) Methacrylonitrile	5.92	41	53799m	5.08	ug/l	
42) 1,2-Dichloroethane	6.89	62	120446	9.58	ug/l	100
43) Isopropyl Acetate	8.35	43	147762	9.53	ug/l #	99
44) Trichloroethene	7.74	130	107487	9.50	ug/l	91
45) 1,2-Dichloropropane	8.10	63	107004	9.81	ug/l	92
46) Dibromomethane	8.22	93	67321	9.63	ug/l	97
47) Bromodichloromethane	8.50	83	155418	9.83	ug/l	98
48) Methyl methacrylate	8.25	41	86349	9.89	ug/l	98
49) 1,4-Dioxane	8.23	88	15748	197.90	ug/l #	85
51) 4-Methyl-2-Pentanone	9.34	43	502396	46.63	ug/l	93
52) Toluene	9.55	92	240589	9.70	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	143595	9.79	ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	167832	9.83	ug/l	94
55) 1,1,2-Trichloroethane	10.19	97	93001	10.30	ug/l	91
56) Ethyl methacrylate	10.04	69	107571	10.01	ug/l	97
57) 1,3-Dichloropropane	10.39	76	129201	9.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	270678	52.87	ug/l	97
59) 2-Hexanone	10.50	43	369370	47.27	ug/l	98
60) Dibromochloromethane	10.64	129	113412	9.86	ug/l	100
61) 1,2-Dibromoethane	10.76	107	90278	9.69	ug/l	99
64) Tetrachloroethene	10.26	164	101191	9.54	ug/l	98
65) Chlorobenzene	11.32	112	272547	10.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	103865	10.54	ug/l	98
67) Ethyl Benzene	11.43	91	479933	10.79	ug/l	96
68) m/p-Xylenes	11.57	106	337848	21.04	ug/l	95
69) o-Xylene	11.94	106	158946	10.08	ug/l	93
70) Styrene	11.96	104	287095	10.48	ug/l	97
71) Bromoform	12.12	173	85239	9.75	ug/l	97
73) Isopropylbenzene	12.28	105	457510	10.47	ug/l	100
74) N-amyl acetate	12.14	43	200042	10.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	102602	10.21	ug/l	97
76) 1,2,3-Trichloropropane	12.60	75	110554	10.22	ug/l	98
77) Bromobenzene	12.54	156	122741	10.11	ug/l	96
78) n-propylbenzene	12.64	91	597749	11.00	ug/l	97
79) 2-Chlorotoluene	12.71	91	330444	10.68	ug/l	97
80) 1,3,5-Trimethylbenzene	12.80	105	379232	11.16	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	33908	10.18	ug/l	96
82) 4-Chlorotoluene	12.82	91	386198	11.18	ug/l	100
83) tert-Butylbenzene	13.05	119	428278	10.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.09	105	385681	10.78	ug/l	98
85) sec-Butylbenzene	13.22	105	496727	10.74	ug/l	99
86) p-Isopropyltoluene	13.35	119	391359	10.46	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	227449	10.56	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	226465	10.54	ug/l	98
89) n-Butylbenzene	13.66	91	433618	11.79	ug/l	99
90) Hexachloroethane	13.86	117	109406	10.73	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	203769	11.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15175	9.57	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	161679	10.49	ug/l	99
94) Hexachlorobutadiene	14.89	225	109154	10.67	ug/l	97
95) Naphthalene	14.97	128	241469	9.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	139066	10.28	ug/l	97

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

