

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
 Data File : VD064802.D
 Acq On : 08 Jan 2020 12:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Jan 08 13:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	350912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	517908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220231	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	157071	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	7.91	113	158415	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.34	98	591584	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.64	95	190107	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	117879	43.225	ug/l	100
3) Chloromethane	2.21	50	185190	48.555	ug/l	98
4) Vinyl Chloride	2.35	62	222111	47.763	ug/l	96
5) Bromomethane	2.77	94	154728	45.761	ug/l	91
6) Chloroethane	2.93	64	150853	48.413	ug/l	96
7) Trichlorofluoromethane	3.27	101	365338	46.658	ug/l	98
8) Diethyl Ether	3.71	74	78567	50.529	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	157561	48.588	ug/l	98
10) Methyl Iodide	4.29	142	185807	53.343	ug/l	99
11) Tert butyl alcohol	5.24	59	47166	265.970	ug/l	97
12) 1,1-Dichloroethene	4.06	96	153507	49.723	ug/l	96
13) Acrolein	3.92	56	58179	235.405	ug/l	99
14) Allyl chloride	4.70	41	252856	52.531	ug/l	99
15) Acrylonitrile	5.43	53	172135	265.779	ug/l	99
16) Acetone	4.16	43	203012	321.782	ug/l	96
17) Carbon Disulfide	4.40	76	455470	45.626	ug/l	97
18) Methyl Acetate	4.72	43	91127	52.310	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	370107	53.973	ug/l	94
20) Methylene Chloride	4.96	84	178401	57.064	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	180630	51.375	ug/l	98
22) Diisopropyl ether	6.36	45	519197	54.078	ug/l	98
23) Vinyl Acetate	6.31	43	1492195	273.989	ug/l	99
24) 1,1-Dichloroethane	6.26	63	309126	53.633	ug/l	99
25) 2-Butanone	7.22	43	233917	275.019	ug/l	97
26) 2,2-Dichloropropane	7.20	77	287467	53.644	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	197624	52.082	ug/l	99
28) Bromochloromethane	7.55	49	118385	52.838	ug/l	99
29) Tetrahydrofuran	7.57	42	141268	267.080	ug/l	97
30) Chloroform	7.71	83	327052	54.084	ug/l	98
31) Cyclohexane	7.99	56	260459	45.144	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	294796	51.902	ug/l	99
36) 1,1-Dichloropropene	8.11	75	242627	48.673	ug/l	99
37) Ethyl Acetate	7.30	43	100666	51.405	ug/l	96
38) Carbon Tetrachloride	8.09	117	268187	50.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	285612	47.306	ug/l	98
40) Benzene	8.35	78	691860	50.842	ug/l	99
41) Methacrylonitrile	7.53	41	46343	40.787	ug/l #	72
42) 1,2-Dichloroethane	8.42	62	206140	52.421	ug/l	99
43) Isopropyl Acetate	8.46	43	199908	51.287	ug/l	99
44) Trichloroethene	9.11	130	200082	50.050	ug/l	97
45) 1,2-Dichloropropane	9.38	63	170769	52.559	ug/l	100
46) Dibromomethane	9.47	93	92148	50.869	ug/l	98
47) Bromodichloromethane	9.66	83	249670	51.795	ug/l	95
48) Methyl methacrylate	9.46	41	94136	51.291	ug/l	91
49) 1,4-Dioxane	9.47	88	22017	1054.064	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	500207	259.629	ug/l	99
52) Toluene	10.40	92	453447	50.790	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	236614	52.650	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	284622	53.711	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	125210	51.288	ug/l	99
56) Ethyl methacrylate	10.66	69	157682	51.718	ug/l	99
57) 1,3-Dichloropropane	10.95	76	219173	52.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	260947	224.646	ug/l	99
59) 2-Hexanone	10.98	43	367903	281.350	ug/l	99
60) Dibromochloromethane	11.14	129	172611	51.129	ug/l	99
61) 1,2-Dibromoethane	11.25	107	122908	51.044	ug/l	100
64) Tetrachloroethene	10.88	164	167133	48.407	ug/l	95
65) Chlorobenzene	11.67	112	479834	51.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	184911	52.513	ug/l	99
67) Ethyl Benzene	11.75	91	875698	51.652	ug/l	100
68) m/p-Xylenes	11.86	106	674535	103.081	ug/l	98
69) o-Xylene	12.18	106	303382	51.328	ug/l	98
70) Styrene	12.20	104	548170	52.836	ug/l	99
71) Bromoform	12.37	173	103615	51.599	ug/l #	99
73) Isopropylbenzene	12.48	105	838008	53.247	ug/l	100
74) N-amyl acetate	12.29	43	180983	53.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	135945	54.987	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	176045	101.229	ug/l #	100
77) Bromobenzene	12.77	156	201887	52.206	ug/l	99
78) n-propylbenzene	12.83	91	979310	53.338	ug/l	99
79) 2-Chlorotoluene	12.91	91	535641	53.106	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	681867	52.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	45834	55.121	ug/l	97
82) 4-Chlorotoluene	13.01	91	566747	52.801	ug/l	99
83) tert-Butylbenzene	13.23	119	584620	52.082	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	684644	53.174	ug/l	99
85) sec-Butylbenzene	13.41	105	808584	52.544	ug/l	99
86) p-Isopropyltoluene	13.53	119	768025	52.195	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	387669	52.587	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	382028	52.751	ug/l	99
89) n-Butylbenzene	13.85	91	701318	52.926	ug/l	99
90) Hexachloroethane	14.12	117	148163	52.713	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	331407	52.720	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	20249	50.523	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	236460	51.087	ug/l	99
94) Hexachlorobutadiene	15.28	225	145033	49.795	ug/l	98
95) Naphthalene	15.41	128	383219	52.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	201380	50.964	ug/l	99

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

