

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067276.D
 Acq On : 15 Oct 2020 11:55
 Operator : VA/SY
 Sample : VD1015SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Quant Time: Oct 16 01:12:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	504034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	472859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243269	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	173105	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	7.91	113	175656	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	10.34	98	641191	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.64	95	224679	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	61577	19.850	ug/l	99
3) Chloromethane	2.21	50	45856	21.358	ug/l	96
4) Vinyl Chloride	2.35	62	49111	20.847	ug/l	98
5) Bromomethane	2.76	94	38069	21.902	ug/l	93
6) Chloroethane	2.91	64	29604	20.178	ug/l	88
7) Trichlorofluoromethane	3.27	101	121704	20.517	ug/l	98
8) Diethyl Ether	3.70	74	25237	18.592	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	62450	19.815	ug/l	97
10) Methyl Iodide	4.30	142	56115	19.302	ug/l	98
11) Tert butyl alcohol	5.21	59	18372	70.685	ug/l	99
12) 1,1-Dichloroethene	4.07	96	58088	20.631	ug/l	99
13) Acrolein	3.92	56	12480	77.466	ug/l	95
14) Allyl chloride	4.72	41	64729	20.075	ug/l	98
15) Acrylonitrile	5.42	53	46596	102.878	ug/l	99
16) Acetone	4.16	43	47426	99.079	ug/l	99
17) Carbon Disulfide	4.41	76	157009	19.561	ug/l	100
18) Methyl Acetate	4.71	43	21790	19.958	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	110983	19.824	ug/l	95
20) Methylene Chloride	4.96	84	70770	20.427	ug/l #	89
21) trans-1,2-Dichloroethene	5.47	96	65290	20.151	ug/l	95
22) Diisopropyl ether	6.36	45	126777	21.524	ug/l	99
23) Vinyl Acetate	6.30	43	355022	105.944	ug/l	98
24) 1,1-Dichloroethane	6.26	63	103324	20.493	ug/l	98
25) 2-Butanone	7.21	43	57353	105.113	ug/l	97
26) 2,2-Dichloropropane	7.21	77	107350	20.656	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	72138	20.314	ug/l	99
28) Bromochloromethane	7.54	49	32171	18.706	ug/l #	98
29) Tetrahydrofuran	7.56	42	31407	103.549	ug/l	96
30) Chloroform	7.71	83	122634	20.360	ug/l	88
31) Cyclohexane	7.98	56	78490	19.938	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	122053	20.653	ug/l	100
36) 1,1-Dichloropropene	8.11	75	90689	21.229	ug/l	98
37) Ethyl Acetate	7.28	43	26201	20.846	ug/l #	91
38) Carbon Tetrachloride	8.10	117	115818	21.212	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	90459	20.255	ug/l	96
40) Benzene	8.35	78	246862	21.064	ug/l	99
41) Methacrylonitrile	7.52	41	14599	21.494	ug/l	89
42) 1,2-Dichloroethane	8.43	62	76789	20.937	ug/l	99
43) Isopropyl Acetate	8.46	43	50604	20.290	ug/l #	57
44) Trichloroethene	9.11	130	78640	20.957	ug/l	96
45) 1,2-Dichloropropane	9.39	63	56490	20.798	ug/l	98
46) Dibromomethane	9.47	93	35904	21.216	ug/l	94
47) Bromodichloromethane	9.66	83	93608	20.645	ug/l	95
48) Methyl methacrylate	9.46	41	23866	19.691	ug/l	100
49) 1,4-Dioxane	9.46	88	6969	407.544	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	128252	103.101	ug/l	99
52) Toluene	10.41	92	171765	21.518	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	84116	21.119	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	97300	20.874	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	48701	21.104	ug/l	94
56) Ethyl methacrylate	10.66	69	50121	20.942	ug/l	96
57) 1,3-Dichloropropane	10.95	76	77902	21.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	126416	102.964	ug/l	99
59) 2-Hexanone	10.98	43	89157	104.887	ug/l	100
60) Dibromochloromethane	11.14	129	71528	21.254	ug/l	100
61) 1,2-Dibromoethane	11.25	107	50704	22.287	ug/l	95
64) Tetrachloroethene	10.88	164	67309	19.646	ug/l	95
65) Chlorobenzene	11.67	112	188240	20.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	75527	20.957	ug/l	97
67) Ethyl Benzene	11.75	91	323058	20.784	ug/l	99
68) m/p-Xylenes	11.86	106	259161	43.297	ug/l	98
69) o-Xylene	12.18	106	116230	20.970	ug/l	97
70) Styrene	12.20	104	204985	21.484	ug/l	98
71) Bromoform	12.37	173	41556	21.464	ug/l #	95
73) Isopropylbenzene	12.48	105	320976	20.789	ug/l	99
74) N-amyl acetate	12.30	43	46933	20.127	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	49358	20.864	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	30557m	18.123	ug/l	
77) Bromobenzene	12.77	156	80313	20.865	ug/l	97
78) n-propylbenzene	12.83	91	379956	21.240	ug/l	99
79) 2-Chlorotoluene	12.91	91	216735	20.892	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	284167	21.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16093	21.644	ug/l	91
82) 4-Chlorotoluene	13.01	91	230495	20.934	ug/l	100
83) tert-Butylbenzene	13.23	119	237039	20.915	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	286272	21.588	ug/l	100
85) sec-Butylbenzene	13.41	105	325109	20.906	ug/l	99
86) p-Isopropyltoluene	13.53	119	313210	21.338	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	155387	20.973	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	154989	21.115	ug/l	98
89) n-Butylbenzene	13.85	91	265542	20.564	ug/l	99
90) Hexachloroethane	14.12	117	52636	20.550	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	134195	20.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8493	19.761	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	91243	20.909	ug/l	99
94) Hexachlorobutadiene	15.28	225	56244	20.755	ug/l	98
95) Naphthalene	15.41	128	141236	19.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	78173	20.736	ug/l	100

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

