

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067277.D
 Acq On : 15 Oct 2020 12:21
 Operator : VA/SY
 Sample : VD1015SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBS01

Quant Time: Oct 16 01:14:21 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	326646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	490976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	452730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	157275	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.92	113	163315	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	605613	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.64	95	211267	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61779	21.028	ug/l	94
3) Chloromethane	2.21	50	43588	21.203	ug/l	100
4) Vinyl Chloride	2.35	62	45663	20.244	ug/l	97
5) Bromomethane	2.76	94	37885	22.861	ug/l	95
6) Chloroethane	2.92	64	29782	21.201	ug/l	93
7) Trichlorofluoromethane	3.28	101	117123	20.621	ug/l	100
8) Diethyl Ether	3.71	74	25569	19.673	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	62137	20.591	ug/l	99
10) Methyl Iodide	4.30	142	59704	21.448	ug/l	99
11) Tert butyl alcohol	5.22	59	18281m	75.646	ug/l	
12) 1,1-Dichloroethene	4.07	96	54715	20.296	ug/l	91
13) Acrolein	3.93	56	12130	78.309	ug/l	95
14) Allyl chloride	4.71	41	62841	20.355	ug/l	98
15) Acrylonitrile	5.43	53	45034	103.845	ug/l	98
16) Acetone	4.16	43	44235	96.517	ug/l	97
17) Carbon Disulfide	4.41	76	157964	20.554	ug/l #	90
18) Methyl Acetate	4.71	43	20671	19.774	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	106863	19.935	ug/l	95
20) Methylene Chloride	4.97	84	68683	20.772	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	64005	20.631	ug/l	97
22) Diisopropyl ether	6.37	45	120657	21.394	ug/l	98
23) Vinyl Acetate	6.31	43	334007	104.099	ug/l	97
24) 1,1-Dichloroethane	6.27	63	102680	21.269	ug/l	98
25) 2-Butanone	7.21	43	51534	98.642	ug/l #	73
26) 2,2-Dichloropropane	7.21	77	102334	20.566	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	70615	20.769	ug/l	99
28) Bromochloromethane	7.54	49	33139	20.125	ug/l #	1
29) Tetrahydrofuran	7.57	42	28974	99.770	ug/l	97
30) Chloroform	7.71	83	120676	20.925	ug/l	97
31) Cyclohexane	7.98	56	76860	20.391	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	119116	21.051	ug/l	99
36) 1,1-Dichloropropene	8.11	75	85455	20.535	ug/l	98
37) Ethyl Acetate	7.30	43	23390	19.104	ug/l #	95
38) Carbon Tetrachloride	8.10	117	111214	20.910	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	87238	20.053	ug/l	94
40) Benzene	8.35	78	236474	20.714	ug/l	98
41) Methacrylonitrile	7.53	41	14004	21.166	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	73353	20.532	ug/l	99
43) Isopropyl Acetate	8.46	43	47562	19.578	ug/l	97
44) Trichloroethene	9.11	130	77564	21.220	ug/l	93
45) 1,2-Dichloropropane	9.39	63	54376	20.552	ug/l	99
46) Dibromomethane	9.48	93	34579	20.976	ug/l	94
47) Bromodichloromethane	9.66	83	89641	20.296	ug/l #	93
48) Methyl methacrylate	9.46	41	22339	18.921	ug/l	99
49) 1,4-Dioxane	9.47	88	7230	436.089	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	121440	100.221	ug/l	99
52) Toluene	10.41	92	165786	21.321	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	80864	20.842	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	92476	20.367	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	43840	19.503	ug/l	98
56) Ethyl methacrylate	10.66	69	47753	20.483	ug/l	96
57) 1,3-Dichloropropane	10.95	76	73285	20.486	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	123080	102.913	ug/l	99
59) 2-Hexanone	10.98	43	82372	99.483	ug/l	99
60) Dibromochloromethane	11.14	129	68854	21.003	ug/l	99
61) 1,2-Dibromoethane	11.25	107	45671	20.609	ug/l	97
64) Tetrachloroethene	10.88	164	68077	20.754	ug/l	97
65) Chlorobenzene	11.67	112	181316	20.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	76003	22.027	ug/l	95
67) Ethyl Benzene	11.75	91	308618	20.738	ug/l	99
68) m/p-Xylenes	11.86	106	253454	44.227	ug/l	93
69) o-Xylene	12.18	106	111119	20.939	ug/l	94
70) Styrene	12.20	104	196261	21.484	ug/l	99
71) Bromoform	12.37	173	39330	21.217	ug/l #	99
73) Isopropylbenzene	12.48	105	315010	21.650	ug/l	100
74) N-amyl acetate	12.29	43	42993	19.564	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	45501	20.410	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	28611m	18.006	ug/l	
77) Bromobenzene	12.77	156	77739	21.431	ug/l	98
78) n-propylbenzene	12.83	91	362378	21.496	ug/l	100
79) 2-Chlorotoluene	12.91	91	207092	21.183	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	270498	21.394	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	14967	21.361	ug/l	95
82) 4-Chlorotoluene	13.01	91	223302	21.521	ug/l	99
83) tert-Butylbenzene	13.23	119	227629	21.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	270013	21.607	ug/l	100
85) sec-Butylbenzene	13.41	105	308558	21.055	ug/l	99
86) p-Isopropyltoluene	13.53	119	291774	21.093	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	148046	21.204	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	144793	20.932	ug/l	96
89) n-Butylbenzene	13.85	91	257197	21.135	ug/l	99
90) Hexachloroethane	14.12	117	50327	20.849	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	126416	20.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7828	19.328	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85400	20.767	ug/l	99
94) Hexachlorobutadiene	15.28	225	52533	20.571	ug/l	98
95) Naphthalene	15.41	128	133340	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74877	21.076	ug/l	98

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

