

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067144.D
 Acq On : 07 Oct 2020 11:26
 Operator : VA/SY
 Sample : VD1007SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:31 PM

Quant Time: Oct 08 07:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	557243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173785	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.91	113	183821	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.34	98	667365	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.64	95	235877	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78975	24.524	ug/l	98
3) Chloromethane	2.20	50	57279	19.832	ug/l	99
4) Vinyl Chloride	2.35	62	58495	20.199	ug/l	96
5) Bromomethane	2.76	94	43782	20.937	ug/l	98
6) Chloroethane	2.91	64	36508	20.700	ug/l #	87
7) Trichlorofluoromethane	3.27	101	137521	21.374	ug/l	95
8) Diethyl Ether	3.70	74	31150	19.523	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75261	20.695	ug/l	99
10) Methyl Iodide	4.30	142	72583	20.541	ug/l	99
11) Tert butyl alcohol	5.20	59	25035	91.478	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	66359	19.410	ug/l	97
13) Acrolein	3.93	56	20730	88.627	ug/l	90
14) Allyl chloride	4.71	41	80436	18.111	ug/l	94
15) Acrylonitrile	5.42	53	53739	91.513	ug/l	98
16) Acetone	4.15	43	50636	94.960	ug/l	99
17) Carbon Disulfide	4.41	76	203290	19.376	ug/l #	93
18) Methyl Acetate	4.72	43	24576	18.338	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	126156	20.214	ug/l #	90
20) Methylene Chloride	4.97	84	89642	19.210	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	80873	20.786	ug/l	95
22) Diisopropyl ether	6.36	45	154423	19.045	ug/l #	90
23) Vinyl Acetate	6.31	43	430108	93.612	ug/l	99
24) 1,1-Dichloroethane	6.26	63	125814	20.106	ug/l	98
25) 2-Butanone	7.21	43	66719	88.252	ug/l	92
26) 2,2-Dichloropropane	7.21	77	120009	19.949	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	86810	20.892	ug/l	97
28) Bromochloromethane	7.55	49	42075	17.411	ug/l	87
29) Tetrahydrofuran	7.56	42	37750	86.842	ug/l	91
30) Chloroform	7.71	83	140896	20.757	ug/l	97
31) Cyclohexane	7.98	56	99090	18.889	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	134644	21.403	ug/l	97
36) 1,1-Dichloropropene	8.11	75	105226	20.259	ug/l	98
37) Ethyl Acetate	7.29	43	30484	16.941	ug/l #	94
38) Carbon Tetrachloride	8.10	117	126871	22.575	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	108109	19.687	ug/l	97
40) Benzene	8.35	78	298882	20.717	ug/l	98
41) Methacrylonitrile	7.53	41	21415	22.029	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	85149	21.122	ug/l	99
43) Isopropyl Acetate	8.45	43	61582	18.578	ug/l	95
44) Trichloroethene	9.11	130	90815	21.080	ug/l	93
45) 1,2-Dichloropropane	9.38	63	68378	20.172	ug/l	96
46) Dibromomethane	9.48	93	41393	21.246	ug/l	96
47) Bromodichloromethane	9.66	83	110298	21.779	ug/l	93
48) Methyl methacrylate	9.46	41	30362	17.878	ug/l #	78
49) 1,4-Dioxane	9.47	88	8329	409.613	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	154278	93.438	ug/l	100
52) Toluene	10.40	92	204918	22.050	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	97090	21.450	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	118186	21.383	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	58750	21.689	ug/l	94
56) Ethyl methacrylate	10.66	69	57968	20.728	ug/l	99
57) 1,3-Dichloropropane	10.94	76	91466	20.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	151966	97.632	ug/l	93
59) 2-Hexanone	10.98	43	105689	95.904	ug/l	97
60) Dibromochloromethane	11.14	129	82407	22.826	ug/l	98
61) 1,2-Dibromoethane	11.25	107	56752	21.808	ug/l	96
64) Tetrachloroethene	10.87	164	81824	21.496	ug/l	96
65) Chlorobenzene	11.67	112	220541	21.179	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	86335	21.796	ug/l	97
67) Ethyl Benzene	11.74	91	377551	21.161	ug/l	100
68) m/p-Xylenes	11.86	106	303731	43.681	ug/l	99
69) o-Xylene	12.18	106	132828	21.362	ug/l	95
70) Styrene	12.20	104	240035	22.481	ug/l	99
71) Bromoform	12.36	173	45400	22.080	ug/l #	97
73) Isopropylbenzene	12.48	105	375295	20.931	ug/l	99
74) N-amyl acetate	12.29	43	59710	18.525	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	58557	19.383	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	40785m	17.732	ug/l	
77) Bromobenzene	12.76	156	91549	21.145	ug/l	95
78) n-propylbenzene	12.83	91	440167	20.772	ug/l	99
79) 2-Chlorotoluene	12.91	91	254561	20.996	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	324048	21.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17346	18.802	ug/l	91
82) 4-Chlorotoluene	13.01	91	274533	21.283	ug/l	98
83) tert-Butylbenzene	13.23	119	277214	21.731	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	327403	21.656	ug/l	98
85) sec-Butylbenzene	13.41	105	380770	21.195	ug/l	99
86) p-Isopropyltoluene	13.52	119	357451	21.462	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	177811	21.085	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	174568	20.703	ug/l	98
89) n-Butylbenzene	13.85	91	307329	20.190	ug/l	99
90) Hexachloroethane	14.12	117	58700	20.120	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	153995	20.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9490	19.488	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	103585	21.744	ug/l	99
94) Hexachlorobutadiene	15.28	225	60959	20.836	ug/l	97
95) Naphthalene	15.41	128	155388	19.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	86801	20.989	ug/l	97

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

