

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066396.D
 Acq On : 25 Aug 2020 12:24
 Operator : VA/SY
 Sample : VD0825SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 4:23:02 PM

Quant Time: Aug 26 08:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	214210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	118032	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
35) Dibromofluoromethane	7.91	113	99462	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.33	98	368328	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.63	95	133627	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	35905	19.716	ug/l	94
3) Chloromethane	2.21	50	24902	19.291	ug/l	100
4) Vinyl Chloride	2.34	62	26588	19.184	ug/l	93
5) Bromomethane	2.75	94	20368	19.648	ug/l	95
6) Chloroethane	2.91	64	16839	18.974	ug/l #	88
7) Trichlorofluoromethane	3.27	101	74316	19.719	ug/l	99
8) Diethyl Ether	3.71	74	16563	19.615	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	34892	18.760	ug/l	98
10) Methyl Iodide	4.30	142	29707	14.004	ug/l	97
11) Tert butyl alcohol	5.22	59	20382m	152.118	ug/l	
12) 1,1-Dichloroethene	4.06	96	31668	18.139	ug/l	94
13) Acrolein	3.92	56	8122	87.092	ug/l	97
14) Allyl chloride	4.71	41	42432	18.209	ug/l	96
15) Acrylonitrile	5.42	53	33911	100.091	ug/l #	84
16) Acetone	4.15	43	36453	96.280	ug/l	93
17) Carbon Disulfide	4.40	76	94171	17.798	ug/l #	93
18) Methyl Acetate	4.71	43	14566	20.498	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	86667	20.616	ug/l	96
20) Methylene Chloride	4.96	84	46697	19.177	ug/l #	88
21) trans-1,2-Dichloroethene	5.47	96	36938	18.175	ug/l	94
22) Diisopropyl ether	6.35	45	86049	19.072	ug/l	94
23) Vinyl Acetate	6.30	43	269873	96.622	ug/l	100
24) 1,1-Dichloroethane	6.26	63	61533	19.299	ug/l	98
25) 2-Butanone	7.20	43	42271	98.345	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	67031	19.615	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	42939	19.718	ug/l	98
28) Bromochloromethane	7.53	49	20075	18.279	ug/l #	91
29) Tetrahydrofuran	7.56	42	24555	100.580	ug/l	96
30) Chloroform	7.70	83	72154	19.560	ug/l	98
31) Cyclohexane	7.97	56	50746	17.403	ug/l	93
32) 1,1,1-Trichloroethane	7.89	97	73965	19.591	ug/l	98
36) 1,1-Dichloropropene	8.10	75	51476	18.843	ug/l	100
37) Ethyl Acetate	7.28	43	18098	19.478	ug/l #	95
38) Carbon Tetrachloride	8.09	117	72234	20.295	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	59504	18.490	ug/l	97
40) Benzene	8.34	78	140331	19.526	ug/l	94
41) Methacrylonitrile	7.52	41	12676m	22.123	ug/l	
42) 1,2-Dichloroethane	8.41	62	51648	20.405	ug/l	98
43) Isopropyl Acetate	8.44	43	38867	20.841	ug/l	98
44) Trichloroethene	9.10	130	43735	18.728	ug/l	92
45) 1,2-Dichloropropane	9.38	63	31981	19.629	ug/l	100
46) Dibromomethane	9.47	93	19652	19.373	ug/l	96
47) Bromodichloromethane	9.66	83	58671	21.031	ug/l	93
48) Methyl methacrylate	9.46	41	17667	18.371	ug/l #	89
49) 1,4-Dioxane	9.46	88	3915	332.373	ug/l #	74
51) 4-Methyl-2-Pentanone	10.23	43	94110	104.314	ug/l	100
52) Toluene	10.40	92	96407	19.800	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	54242	20.491	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	59269	19.948	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	28970	21.095	ug/l	93
56) Ethyl methacrylate	10.66	69	32840	20.657	ug/l	93
57) 1,3-Dichloropropane	10.94	76	46164	20.323	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	73719	111.651	ug/l	95
59) 2-Hexanone	10.98	43	66656	104.744	ug/l	99
60) Dibromochloromethane	11.13	129	44388	21.443	ug/l	96
61) 1,2-Dibromoethane	11.24	107	27930	20.667	ug/l	97
64) Tetrachloroethene	10.87	164	40954	19.352	ug/l	91
65) Chlorobenzene	11.67	112	106697	19.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	44870	19.783	ug/l	98
67) Ethyl Benzene	11.74	91	190180	19.466	ug/l	96
68) m/p-Xylenes	11.86	106	149685	40.198	ug/l	98
69) o-Xylene	12.18	106	68820	19.866	ug/l	98
70) Styrene	12.20	104	119057	20.016	ug/l	98
71) Bromoform	12.36	173	27009	20.989	ug/l #	100
73) Isopropylbenzene	12.48	105	193220	19.653	ug/l	99
74) N-amyl acetate	12.29	43	36046	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	28695	20.431	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	19444m	18.832	ug/l	
77) Bromobenzene	12.76	156	49945	20.015	ug/l	96
78) n-propylbenzene	12.82	91	221801	19.675	ug/l	100
79) 2-Chlorotoluene	12.91	91	126935	19.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	166953	19.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10132	20.830	ug/l	100
82) 4-Chlorotoluene	13.00	91	137758	20.195	ug/l	98
83) tert-Butylbenzene	13.23	119	142568	19.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	172468	20.685	ug/l	98
85) sec-Butylbenzene	13.40	105	188446	19.507	ug/l	100
86) p-Isopropyltoluene	13.52	119	184992	19.860	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93591	20.092	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	93978	20.093	ug/l	99
89) n-Butylbenzene	13.84	91	158733	19.311	ug/l	100
90) Hexachloroethane	14.11	117	34985	19.013	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	82501	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5652	19.187	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	61581	19.671	ug/l	98
94) Hexachlorobutadiene	15.27	225	39540	20.324	ug/l	95
95) Naphthalene	15.41	128	100747	20.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	52801	19.689	ug/l	94

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

