

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066414.D
 Acq On : 26 Aug 2020 12:19
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 3:08:33 PM

Quant Time: Aug 27 07:52:14 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	191280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	261238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	242123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102187	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
35) Dibromofluoromethane	7.91	113	86652	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.33	98	327279	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.63	95	118327	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	33794	20.781	ug/l	99
3) Chloromethane	2.21	50	20825	18.067	ug/l	98
4) Vinyl Chloride	2.34	62	23122	18.683	ug/l	94
5) Bromomethane	2.75	94	19481	21.045	ug/l	97
6) Chloroethane	2.91	64	15051	18.992	ug/l	91
7) Trichlorofluoromethane	3.27	101	68323	20.302	ug/l	98
8) Diethyl Ether	3.71	74	13547	17.966	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	31591	19.021	ug/l	97
10) Methyl Iodide	4.30	142	26215	13.839	ug/l	89
11) Tert butyl alcohol	5.19	59	15102m	117.158	ug/l	
12) 1,1-Dichloroethene	4.06	96	28879	18.524	ug/l	93
13) Acrolein	3.92	56	6700	80.456	ug/l	96
14) Allyl chloride	4.71	41	34543	16.600	ug/l	87
15) Acrylonitrile	5.41	53	26590	87.891	ug/l	98
16) Acetone	4.16	43	28902	85.487	ug/l	99
17) Carbon Disulfide	4.41	76	79753	16.880	ug/l	97
18) Methyl Acetate	4.71	43	10785	16.997	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	71601	19.074	ug/l	99
20) Methylene Chloride	4.96	84	37909	16.775	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	31640	17.435	ug/l	95
22) Diisopropyl ether	6.36	45	70544	17.510	ug/l #	91
23) Vinyl Acetate	6.30	43	215912	86.570	ug/l	96
24) 1,1-Dichloroethane	6.26	63	51262	18.005	ug/l	98
25) 2-Butanone	7.21	43	33308	86.782	ug/l	96
26) 2,2-Dichloropropane	7.20	77	57528	18.853	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	35741	18.380	ug/l	97
28) Bromochloromethane	7.54	49	16785	17.115	ug/l	89
29) Tetrahydrofuran	7.55	42	17950	82.339	ug/l	92
30) Chloroform	7.70	83	62210	18.886	ug/l	99
31) Cyclohexane	7.98	56	43893	16.857	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	68464	20.308	ug/l	99
36) 1,1-Dichloropropene	8.11	75	45917	19.264	ug/l	97
37) Ethyl Acetate	7.29	43	14524	17.915	ug/l #	93
38) Carbon Tetrachloride	8.09	117	66747	21.493	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	54646	19.462	ug/l	95
40) Benzene	8.35	78	119873	19.117	ug/l	97
41) Methacrylonitrile	7.53	41	10107	20.216	ug/l #	90
42) 1,2-Dichloroethane	8.41	62	46306	20.967	ug/l	98
43) Isopropyl Acetate	8.44	43	29329	18.024	ug/l	97
44) Trichloroethene	9.11	130	40836	20.042	ug/l	98
45) 1,2-Dichloropropane	9.38	63	25292	17.792	ug/l	98
46) Dibromomethane	9.47	93	16852	19.040	ug/l	96
47) Bromodichloromethane	9.66	83	49133	20.185	ug/l	98
48) Methyl methacrylate	9.45	41	14555	17.346	ug/l	93
49) 1,4-Dioxane	9.46	88	3635	353.687	ug/l #	85
51) 4-Methyl-2-Pentanone	10.22	43	72990	92.724	ug/l	100
52) Toluene	10.40	92	84214	19.823	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	46051	19.939	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	47493	18.320	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	22361	18.662	ug/l	94
56) Ethyl methacrylate	10.66	69	25705	18.532	ug/l #	91
57) 1,3-Dichloropropane	10.94	76	39446	19.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	58169	100.971	ug/l	92
59) 2-Hexanone	10.98	43	50614	91.156	ug/l	100
60) Dibromochloromethane	11.14	129	35686	19.758	ug/l	99
61) 1,2-Dibromoethane	11.24	107	23854	20.229	ug/l	89
64) Tetrachloroethene	10.87	164	36680	19.970	ug/l	92
65) Chlorobenzene	11.67	112	95653	19.857	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	38685	19.651	ug/l	99
67) Ethyl Benzene	11.74	91	165816	19.556	ug/l	96
68) m/p-Xylenes	11.85	106	131673	40.742	ug/l	99
69) o-Xylene	12.18	106	59875	19.914	ug/l	97
70) Styrene	12.20	104	105247	20.387	ug/l	99
71) Bromoform	12.36	173	23089	20.673	ug/l #	98
73) Isopropylbenzene	12.48	105	172475	19.846	ug/l	98
74) N-amyl acetate	12.29	43	26855	17.110	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	23181	18.672	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	20575m	22.544	ug/l	
77) Bromobenzene	12.76	156	41710	18.910	ug/l	99
78) n-propylbenzene	12.82	91	193517	19.421	ug/l	99
79) 2-Chlorotoluene	12.91	91	109554	19.250	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	144543	19.263	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	6930	16.118	ug/l	86
82) 4-Chlorotoluene	13.01	91	118206	19.604	ug/l	99
83) tert-Butylbenzene	13.23	119	126195	19.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	147952	20.075	ug/l	98
85) sec-Butylbenzene	13.40	105	165676	19.402	ug/l	100
86) p-Isopropyltoluene	13.52	119	166536	20.226	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	81887	19.888	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	80299	19.423	ug/l	98
89) n-Butylbenzene	13.85	91	137926	18.983	ug/l	100
90) Hexachloroethane	14.12	117	30313	18.637	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	69763	19.682	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5353	20.559	ug/l	87

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QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53820	19.450	ug/l	98
94) Hexachlorobutadiene	15.28	225	32743	19.041	ug/l	99
95) Naphthalene	15.41	128	81326	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46328	19.544	ug/l	98

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

