

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066075.D
 Acq On : 28 Jul 2020 12:54
 Operator : VA/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:05:56 PM

Quant Time: Jul 29 01:53:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	259079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	363695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	343382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	188449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117127	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	7.91	113	122382	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
50) Toluene-d8	10.34	98	468358	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
62) 4-Bromofluorobenzene	12.64	95	161867	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46040	23.416	ug/l	92
3) Chloromethane	2.21	50	34313	21.385	ug/l	95
4) Vinyl Chloride	2.35	62	33679	22.042	ug/l	94
5) Bromomethane	2.76	94	24123	19.376	ug/l	94
6) Chloroethane	2.91	64	21538	23.613	ug/l	95
7) Trichlorofluoromethane	3.27	101	86694	23.326	ug/l	99
8) Diethyl Ether	3.71	74	21839	21.259	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.09	101	48832	21.760	ug/l	93
10) Methyl Iodide	4.30	142	48106	26.293	ug/l	93
11) Tert butyl alcohol	5.20	59	22098	156.468	ug/l	99
12) 1,1-Dichloroethene	4.06	96	46504	21.710	ug/l	95
13) Acrolein	3.91	56	14428	81.233	ug/l	94
14) Allyl chloride	4.71	41	66010	19.714	ug/l	91
15) Acrylonitrile	5.41	53	43274	98.601	ug/l	95
16) Acetone	4.15	43	43590	102.154	ug/l #	86
17) Carbon Disulfide	4.40	76	138560	19.941	ug/l	99
18) Methyl Acetate	4.72	43	18914	19.054	ug/l #	51
19) Methyl tert-butyl Ether	5.47	73	96235	21.866	ug/l	95
20) Methylene Chloride	4.97	84	63919	25.646	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	48646	20.093	ug/l	94
22) Diisopropyl ether	6.36	45	127875	20.101	ug/l	97
23) Vinyl Acetate	6.30	43	361993	100.899	ug/l	99
24) 1,1-Dichloroethane	6.27	63	82480	21.398	ug/l	95
25) 2-Butanone	7.21	43	56235	99.319	ug/l	96
26) 2,2-Dichloropropane	7.20	77	82448	23.786	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55681	21.722	ug/l	100
28) Bromochloromethane	7.54	49	32002	19.562	ug/l	89
29) Tetrahydrofuran	7.56	42	33516	95.937	ug/l	92
30) Chloroform	7.71	83	88684	21.995	ug/l	90
31) Cyclohexane	7.98	56	77504	20.438	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	86319	23.145	ug/l	100
36) 1,1-Dichloropropene	8.11	75	70622	22.752	ug/l	97
37) Ethyl Acetate	7.30	43	26130	22.043	ug/l	100
38) Carbon Tetrachloride	8.10	117	82772	24.576	ug/l	98

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Quant Time: Jul 29 01:53:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	84465	22.471	ug/l	99
40) Benzene	8.35	78	190793	21.971	ug/l	99
41) Methacrylonitrile	7.54	41	17249m	25.401	ug/l	
42) 1,2-Dichloroethane	8.43	62	55530	23.336	ug/l	98
43) Isopropyl Acetate	8.46	43	47718	20.610	ug/l	97
44) Trichloroethene	9.11	130	60556	23.044	ug/l	88
45) 1,2-Dichloropropane	9.39	63	44180	21.007	ug/l	94
46) Dibromomethane	9.47	93	26137	23.085	ug/l	96
47) Bromodichloromethane	9.67	83	68299	22.815	ug/l	99
48) Methyl methacrylate	9.46	41	22998	19.692	ug/l	88
49) 1,4-Dioxane	9.46	88	5544	422.656	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	121585	104.225	ug/l	99
52) Toluene	10.41	92	130662	23.073	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	64241	23.034	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	76344	22.582	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	35690	22.227	ug/l	94
56) Ethyl methacrylate	10.67	69	41979	22.486	ug/l	98
57) 1,3-Dichloropropane	10.95	76	58744	22.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	101131	113.397	ug/l	97
59) 2-Hexanone	10.99	43	87507	108.246	ug/l	96
60) Dibromochloromethane	11.14	129	50500	23.325	ug/l	97
61) 1,2-Dibromoethane	11.25	107	36817	23.780	ug/l	99
64) Tetrachloroethene	10.88	164	55696	23.897	ug/l	93
65) Chlorobenzene	11.67	112	139775	22.232	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	54103	23.305	ug/l	100
67) Ethyl Benzene	11.75	91	247924	22.914	ug/l	96
68) m/p-Xylenes	11.86	106	197398	47.467	ug/l	100
69) o-Xylene	12.18	106	89242	23.594	ug/l	98
70) Styrene	12.20	104	152023	23.392	ug/l	98
71) Bromoform	12.37	173	31872	23.438	ug/l #	99
73) Isopropylbenzene	12.48	105	251014	22.013	ug/l	100
74) N-amyl acetate	12.30	43	47693	20.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	36983	19.625	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	25815m	18.193	ug/l	
77) Bromobenzene	12.77	156	63639	21.838	ug/l	95
78) n-propylbenzene	12.83	91	291960	22.064	ug/l	99
79) 2-Chlorotoluene	12.91	91	163797	21.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	211111	22.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	12507	20.226	ug/l	98
82) 4-Chlorotoluene	13.01	91	172989	21.680	ug/l	97
83) tert-Butylbenzene	13.23	119	186315	22.727	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	212461	22.987	ug/l	98
85) sec-Butylbenzene	13.41	105	259098	22.945	ug/l	100
86) p-Isopropyltoluene	13.53	119	244077	23.792	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	120494	22.270	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	120747	22.076	ug/l	98
89) n-Butylbenzene	13.85	91	211577	22.181	ug/l	99
90) Hexachloroethane	14.12	117	45967	21.645	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	103681	22.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6839	22.143	ug/l	91

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QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	76980	22.874	ug/l	99
94) Hexachlorobutadiene	15.28	225	49418	23.752	ug/l	99
95) Naphthalene	15.41	128	120965	22.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	65317	22.326	ug/l	98

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

