

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065825.D
 Acq On : 19 Jun 2020 13:34
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	297408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	96881	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.92	113	95247	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.34	98	365815	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.64	95	120518	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	31427	23.008	ug/l	98
3) Chloromethane	2.21	50	56150	23.982	ug/l	100
4) Vinyl Chloride	2.35	62	67601	24.651	ug/l	98
5) Bromomethane	2.76	94	45495	23.722	ug/l	98
6) Chloroethane	2.93	64	44799	24.160	ug/l	94
7) Trichlorofluoromethane	3.27	101	71201	22.916	ug/l	95
8) Diethyl Ether	3.71	74	16853	20.631	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	39737	21.449	ug/l	99
10) Methyl Iodide	4.30	142	37255	20.650	ug/l	99
11) Tert butyl alcohol	5.21	59	13336	109.549	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	36990	21.906	ug/l	96
13) Acrolein	3.93	56	8039	77.925	ug/l	98
14) Allyl chloride	4.71	41	60798	21.785	ug/l	98
15) Acrylonitrile	5.43	53	38399	103.498	ug/l	100
16) Acetone	4.16	43	40869	117.962	ug/l	95
17) Carbon Disulfide	4.40	76	122570	21.627	ug/l	98
18) Methyl Acetate	4.71	43	18179	21.168	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	77972	20.386	ug/l	97
20) Methylene Chloride	4.97	84	49164	24.447	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	42707	21.596	ug/l	97
22) Diisopropyl ether	6.36	45	122598	21.741	ug/l	95
23) Vinyl Acetate	6.31	43	340211	106.840	ug/l	98
24) 1,1-Dichloroethane	6.26	63	75353	21.931	ug/l	98
25) 2-Butanone	7.21	43	52255	109.211	ug/l	97
26) 2,2-Dichloropropane	7.21	77	65443	21.481	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	45850	21.554	ug/l	97
28) Bromochloromethane	7.54	49	29724	22.399	ug/l	95
29) Tetrahydrofuran	7.56	42	31302	103.509	ug/l	96
30) Chloroform	7.71	83	77259	21.694	ug/l	98
31) Cyclohexane	7.98	56	69064	20.968	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	70812	21.624	ug/l	96
36) 1,1-Dichloropropene	8.11	75	61017	21.417	ug/l	98
37) Ethyl Acetate	7.29	43	21942	19.553	ug/l	98
38) Carbon Tetrachloride	8.10	117	64916	21.651	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69325	20.552	ug/l	96
40) Benzene	8.35	78	165377	21.233	ug/l	95
41) Methacrylonitrile	7.52	41	15234m	22.799	ug/l	
42) 1,2-Dichloroethane	8.43	62	47881	20.375	ug/l	99
43) Isopropyl Acetate	8.46	43	44931	20.135	ug/l	99
44) Trichloroethene	9.11	130	45656	21.064	ug/l	96
45) 1,2-Dichloropropane	9.38	63	41295	21.101	ug/l	97
46) Dibromomethane	9.48	93	21545	20.299	ug/l	98
47) Bromodichloromethane	9.66	83	58094	20.426	ug/l	99
48) Methyl methacrylate	9.46	41	22900	21.201	ug/l	96
49) 1,4-Dioxane	9.46	88	4527	400.724	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	111384	101.866	ug/l	94
52) Toluene	10.40	92	110202	21.776	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	53662	20.836	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	65014	21.374	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	28762	20.281	ug/l	96
56) Ethyl methacrylate	10.66	69	34407	20.627	ug/l	97
57) 1,3-Dichloropropane	10.95	76	50330	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	80216	103.437	ug/l	99
59) 2-Hexanone	10.98	43	76570	103.868	ug/l	98
60) Dibromochloromethane	11.14	129	39060	20.388	ug/l	98
61) 1,2-Dibromoethane	11.25	107	27301	19.589	ug/l	95
64) Tetrachloroethene	10.88	164	38097	20.493	ug/l	96
65) Chlorobenzene	11.67	112	110797	20.644	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	40966	20.477	ug/l	98
67) Ethyl Benzene	11.75	91	200976	20.962	ug/l	97
68) m/p-Xylenes	11.86	106	158453	42.906	ug/l	98
69) o-Xylene	12.18	106	68963	20.711	ug/l	98
70) Styrene	12.20	104	121599	21.095	ug/l	99
71) Bromoform	12.37	173	21818	19.805	ug/l #	100
73) Isopropylbenzene	12.48	105	193306	20.765	ug/l	100
74) N-amyl acetate	12.29	43	39701	19.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	31931	20.310	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	22499m	20.835	ug/l	
77) Bromobenzene	12.76	156	44821	20.349	ug/l	97
78) n-propylbenzene	12.83	91	239667	21.388	ug/l	99
79) 2-Chlorotoluene	12.91	91	130939	21.300	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	164470	21.230	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9888	19.784	ug/l	97
82) 4-Chlorotoluene	13.01	91	142159	21.545	ug/l	99
83) tert-Butylbenzene	13.23	119	142629	21.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	163388	21.071	ug/l	100
85) sec-Butylbenzene	13.41	105	199114	21.285	ug/l	99
86) p-Isopropyltoluene	13.52	119	181830	21.207	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	89117	20.520	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	90630	20.978	ug/l	99
89) n-Butylbenzene	13.85	91	175596	21.473	ug/l	100
90) Hexachloroethane	14.12	117	37461	21.827	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	76571	20.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5137	19.633	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	49908	19.639	ug/l	98
94) Hexachlorobutadiene	15.27	225	30197	19.656	ug/l	98
95) Naphthalene	15.41	128	80510	18.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	41142	18.797	ug/l	97

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

