

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066631.D
 Acq On : 11 Sep 2020 00:22
 Operator : VA/SY
 Sample : VD0910SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:18:04 AM

Quant Time: Sep 11 03:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	324167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	564743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	520319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	238692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219312	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
35) Dibromofluoromethane	7.91	113	201562	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.34	98	727712	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.63	95	240156	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64757	21.982	ug/l	96
3) Chloromethane	2.21	50	88517	21.592	ug/l	99
4) Vinyl Chloride	2.35	62	90544	19.913	ug/l	98
5) Bromomethane	2.76	94	63710	19.377	ug/l	92
6) Chloroethane	2.92	64	58098	20.117	ug/l	96
7) Trichlorofluoromethane	3.27	101	136614	20.339	ug/l	93
8) Diethyl Ether	3.71	74	37004	21.877	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	74222	20.417	ug/l	99
10) Methyl Iodide	4.30	142	64551	21.924	ug/l	98
11) Tert butyl alcohol	5.22	59	32594	106.858	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	69416	21.254	ug/l	98
13) Acrolein	3.93	56	12957	80.795	ug/l	90
14) Allyl chloride	4.71	41	111892	20.904	ug/l	99
15) Acrylonitrile	5.42	53	83981	115.581	ug/l	98
16) Acetone	4.16	43	68583	95.035	ug/l	95
17) Carbon Disulfide	4.40	76	227259	21.166	ug/l	99
18) Methyl Acetate	4.72	43	42947	24.965	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	168964	22.061	ug/l	93
20) Methylene Chloride	4.96	84	107022	23.736	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	83330	21.486	ug/l	92
22) Diisopropyl ether	6.36	45	253111	22.995	ug/l	94
23) Vinyl Acetate	6.30	43	692340	110.530	ug/l	95
24) 1,1-Dichloroethane	6.26	63	155288	22.434	ug/l	99
25) 2-Butanone	7.21	43	102748	106.063	ug/l	95
26) 2,2-Dichloropropane	7.20	77	120484	18.976	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	91817	22.015	ug/l	98
28) Bromochloromethane	7.54	49	55585	20.858	ug/l #	98
29) Tetrahydrofuran	7.56	42	64548	106.987	ug/l	97
30) Chloroform	7.70	83	162300	22.163	ug/l	91
31) Cyclohexane	7.98	56	128313	20.054	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	143046	20.777	ug/l	100
36) 1,1-Dichloropropene	8.11	75	113852	19.372	ug/l	97
37) Ethyl Acetate	7.28	43	48130	20.566	ug/l #	90
38) Carbon Tetrachloride	8.09	117	125488	20.200	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	125106	19.063	ug/l	99
40) Benzene	8.34	78	341741	21.231	ug/l	98
41) Methacrylonitrile	7.53	41	27138	23.956	ug/l #	87
42) 1,2-Dichloroethane	8.42	62	109814	21.056	ug/l	100
43) Isopropyl Acetate	8.45	43	92091	20.533	ug/l	97
44) Trichloroethene	9.11	130	86867	20.574	ug/l	99
45) 1,2-Dichloropropane	9.38	63	86545	21.380	ug/l	91
46) Dibromomethane	9.47	93	47080	21.081	ug/l	98
47) Bromodichloromethane	9.66	83	125782	20.817	ug/l	99
48) Methyl methacrylate	9.45	41	42849	18.894	ug/l	89
49) 1,4-Dioxane	9.46	88	11501	469.406	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	247666	109.496	ug/l	99
52) Toluene	10.40	92	218255	21.420	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	107543	20.162	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	126832	19.801	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	62598	21.800	ug/l	99
56) Ethyl methacrylate	10.66	69	69755	20.864	ug/l	96
57) 1,3-Dichloropropane	10.94	76	108207	21.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	183043	119.695	ug/l	98
59) 2-Hexanone	10.98	43	156459	102.861	ug/l	97
60) Dibromochloromethane	11.14	129	82745	21.791	ug/l	94
61) 1,2-Dibromoethane	11.24	107	60477	21.648	ug/l	98
64) Tetrachloroethene	10.87	164	66547	18.995	ug/l	91
65) Chlorobenzene	11.67	112	220402	20.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	82003	20.008	ug/l	98
67) Ethyl Benzene	11.74	91	389334	19.744	ug/l	98
68) m/p-Xylenes	11.85	106	297238	40.597	ug/l	99
69) o-Xylene	12.18	106	131637	20.062	ug/l	99
70) Styrene	12.19	104	237687	20.836	ug/l	99
71) Bromoform	12.36	173	43548	21.083	ug/l #	100
73) Isopropylbenzene	12.48	105	359356	20.334	ug/l	100
74) N-amyl acetate	12.28	43	81504	20.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	64655	20.709	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	42111m	18.344	ug/l	
77) Bromobenzene	12.76	156	83840	21.279	ug/l	99
78) n-propylbenzene	12.82	91	432289	20.178	ug/l	99
79) 2-Chlorotoluene	12.91	91	256325	21.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	303804	20.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	19509	19.841	ug/l	97
82) 4-Chlorotoluene	13.00	91	273875	21.310	ug/l	98
83) tert-Butylbenzene	13.23	119	248914	20.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	307359	20.755	ug/l	99
85) sec-Butylbenzene	13.40	105	352880	20.165	ug/l	99
86) p-Isopropyltoluene	13.52	119	314728	19.981	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	162722	20.803	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	158026	20.129	ug/l	98
89) n-Butylbenzene	13.84	91	286608	18.673	ug/l	100
90) Hexachloroethane	14.11	117	68804	20.273	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	141724	20.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11414	21.521	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80450	19.607	ug/l	96
94) Hexachlorobutadiene	15.27	225	47121	19.116	ug/l	97
95) Naphthalene	15.40	128	150111	20.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73642	21.052	ug/l	99

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

