

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066952.D
 Acq On : 29 Sep 2020 22:42
 Operator : VA/SY
 Sample : VW0929SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW0929SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:22:23 PM

Quant Time: Sep 30 04:44:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178346	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.91	113	190651	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.34	98	658326	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.63	95	237789	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64770	21.305	ug/l	93
3) Chloromethane	2.21	50	67300	19.434	ug/l	99
4) Vinyl Chloride	2.35	62	63979	18.700	ug/l	100
5) Bromomethane	2.76	94	46340	19.270	ug/l	92
6) Chloroethane	2.92	64	41393	19.482	ug/l	98
7) Trichlorofluoromethane	3.27	101	139159	19.805	ug/l	100
8) Diethyl Ether	3.70	74	37796	21.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81339	19.964	ug/l	99
10) Methyl Iodide	4.30	142	72184	20.077	ug/l	96
11) Tert butyl alcohol	5.21	59	30098	107.868	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	74268	20.122	ug/l	100
13) Acrolein	3.92	56	23135	85.010	ug/l	94
14) Allyl chloride	4.71	41	104903	19.356	ug/l	95
15) Acrylonitrile	5.43	53	81815	103.495	ug/l	99
16) Acetone	4.16	43	66815	85.377	ug/l	89
17) Carbon Disulfide	4.41	76	222828	19.747	ug/l	100
18) Methyl Acetate	4.71	43	40428	21.052	ug/l #	78
19) Methyl tert-butyl Ether	5.48	73	168438	21.014	ug/l	99
20) Methylene Chloride	4.97	84	106857	22.045	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	90416	21.157	ug/l	95
22) Diisopropyl ether	6.36	45	232256	20.842	ug/l	97
23) Vinyl Acetate	6.31	43	555868	93.567	ug/l	98
24) 1,1-Dichloroethane	6.26	63	152684	20.481	ug/l #	97
25) 2-Butanone	7.21	43	97114	103.262	ug/l	99
26) 2,2-Dichloropropane	7.21	77	125950	18.433	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	99279	21.381	ug/l	100
28) Bromochloromethane	7.55	49	59284	19.249	ug/l	90
29) Tetrahydrofuran	7.56	42	61001	101.229	ug/l	97
30) Chloroform	7.71	83	166600	20.732	ug/l	94
31) Cyclohexane	7.98	56	123795	18.455	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	147510	20.292	ug/l	99
36) 1,1-Dichloropropene	8.11	75	121956	19.794	ug/l	99
37) Ethyl Acetate	7.30	43	45869	20.594	ug/l #	93
38) Carbon Tetrachloride	8.09	117	131075	19.459	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131825	18.635	ug/l	96
40) Benzene	8.35	78	356288	20.749	ug/l	96
41) Methacrylonitrile	7.53	41	22294	16.276	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	101129	19.922	ug/l	98
43) Isopropyl Acetate	8.45	43	85201	19.841	ug/l	99
44) Trichloroethene	9.11	130	101721	20.783	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89116	20.627	ug/l	96
46) Dibromomethane	9.47	93	49689	21.168	ug/l	97
47) Bromodichloromethane	9.66	83	128132	20.320	ug/l #	97
48) Methyl methacrylate	9.46	41	40963	19.348	ug/l	98
49) 1,4-Dioxane	9.46	88	11896	382.849	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	223696	102.808	ug/l	99
52) Toluene	10.40	92	233993	21.156	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	110499	20.589	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	132122	20.189	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	69212	21.449	ug/l	95
56) Ethyl methacrylate	10.66	69	72840	21.071	ug/l	98
57) 1,3-Dichloropropane	10.94	76	114978	21.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	196658	120.147	ug/l	99
59) 2-Hexanone	10.98	43	148723	101.355	ug/l	99
60) Dibromochloromethane	11.14	129	91605	21.751	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68878	22.949	ug/l	99
64) Tetrachloroethene	10.87	164	87924	21.465	ug/l	99
65) Chlorobenzene	11.67	112	251558	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	95217	21.224	ug/l	97
67) Ethyl Benzene	11.74	91	427457	20.532	ug/l	97
68) m/p-Xylenes	11.86	106	334999	42.501	ug/l	100
69) o-Xylene	12.18	106	148794	20.877	ug/l	99
70) Styrene	12.20	104	267117	21.581	ug/l	99
71) Bromoform	12.36	173	51207	22.543	ug/l #	94
73) Isopropylbenzene	12.48	105	406399	20.802	ug/l	99
74) N-amyl acetate	12.29	43	77574	20.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	73381	21.768	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	55949m	24.964	ug/l	
77) Bromobenzene	12.76	156	99536	21.785	ug/l	95
78) n-propylbenzene	12.82	91	483664	20.579	ug/l	99
79) 2-Chlorotoluene	12.91	91	281246	20.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	354005	21.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20396	22.769	ug/l	93
82) 4-Chlorotoluene	13.01	91	300076	21.254	ug/l	97
83) tert-Butylbenzene	13.23	119	279823	20.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	352794	21.462	ug/l	99
85) sec-Butylbenzene	13.40	105	403989	20.624	ug/l	99
86) p-Isopropyltoluene	13.52	119	368334	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	192457	21.320	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	192828	21.508	ug/l	99
89) n-Butylbenzene	13.85	91	317175	18.900	ug/l	99
90) Hexachloroethane	14.12	117	73705	20.562	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	165542	21.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11430	21.077	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	101882	20.956	ug/l	95
94) Hexachlorobutadiene	15.27	225	59980	20.588	ug/l	99
95) Naphthalene	15.41	128	168231	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	90281	21.515	ug/l	99

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

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