

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067818.D
 Acq On : 30 Nov 2020 17:00
 Operator : VA/SY
 Sample : L4880-05MSD
 Misc : 4.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:46 PM

Quant Time: Dec 01 00:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	144421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	225206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	198111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	79536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	99811	71.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.16%
35) Dibromofluoromethane	7.92	113	86148	60.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.22%
50) Toluene-d8	10.34	98	284343	54.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.52%
62) 4-Bromofluorobenzene	12.64	95	86261	48.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	66351	52.793	ug/l	97
3) Chloromethane	2.21	50	42895	61.306	ug/l	93
4) Vinyl Chloride	2.35	62	50407	57.493	ug/l	98
5) Bromomethane	2.77	94	44165	59.124	ug/l	91
6) Chloroethane	2.92	64	34270	58.647	ug/l #	82
7) Trichlorofluoromethane	3.27	101	139914	52.295	ug/l	96
8) Diethyl Ether	3.70	74	33989	62.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57524	44.900	ug/l	99
10) Methyl Iodide	4.30	142	71611	54.609	ug/l	99
11) Tert butyl alcohol	5.23	59	20803	288.332	ug/l #	97
12) 1,1-Dichloroethene	4.07	96	63583	53.634	ug/l	94
13) Acrolein	3.92	56	6239	107.192	ug/l	91
14) Allyl chloride	4.71	41	67377	58.795	ug/l	97
15) Acrylonitrile	5.42	53	58100	308.815	ug/l	99
16) Acetone	4.16	43	51666	284.806	ug/l	90
17) Carbon Disulfide	4.41	76	176301	51.418	ug/l	97
18) Methyl Acetate	4.71	43	66716	182.802	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	176891	69.818	ug/l	98
20) Methylene Chloride	4.96	84	79838	59.530	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	76721	56.924	ug/l	96
22) Diisopropyl ether	6.36	45	145341	64.251	ug/l	96
23) Vinyl Acetate	6.36	43	140343m	109.985	ug/l	
24) 1,1-Dichloroethane	6.26	63	116371	60.678	ug/l	98
25) 2-Butanone	7.21	43	64155	315.155	ug/l	94
26) 2,2-Dichloropropane	7.21	77	124031	54.820	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	89385	62.220	ug/l	97
28) Bromochloromethane	7.55	49	40478	65.890	ug/l	98
29) Tetrahydrofuran	7.56	42	38227	330.283	ug/l	92
30) Chloroform	7.71	83	154963	61.790	ug/l	97
31) Cyclohexane	7.99	56	67368	39.650	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	149722	56.371	ug/l	99
36) 1,1-Dichloropropene	8.11	75	92476	47.853	ug/l	98
37) Ethyl Acetate	7.30	43	18977	36.520	ug/l	97
38) Carbon Tetrachloride	8.10	117	135532	48.382	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	68458	29.934	ug/l	98
40) Benzene	8.36	78	284270	53.559	ug/l	98
41) Methacrylonitrile	7.52	41	11547m	43.516	ug/l	
42) 1,2-Dichloroethane	8.43	62	111978	62.179	ug/l	100
43) Isopropyl Acetate	8.46	43	42008	40.481	ug/l #	56
44) Trichloroethene	9.11	130	88953	50.568	ug/l	100
45) 1,2-Dichloropropane	9.39	63	60530	55.580	ug/l	97
46) Dibromomethane	9.48	93	45166	60.916	ug/l	100
47) Bromodichloromethane	9.67	83	121114	58.660	ug/l	93
48) Methyl methacrylate	9.46	41	38225	73.679	ug/l	93
49) 1,4-Dioxane	9.46	88	10520	1309.230	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	142780	292.397	ug/l	98
52) Toluene	10.41	92	191541	53.197	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	106137	58.840	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	111489	54.614	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	59101	59.407	ug/l	94
56) Ethyl methacrylate	10.67	69	32071	31.137	ug/l	99
57) 1,3-Dichloropropane	10.95	76	94763	60.413	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	147355	306.187	ug/l	98
59) 2-Hexanone	10.99	43	94243	273.357	ug/l	96
60) Dibromochloromethane	11.14	129	90616	59.773	ug/l	99
61) 1,2-Dibromoethane	11.25	107	58515	59.695	ug/l	99
64) Tetrachloroethene	10.88	164	69720	45.343	ug/l	94
65) Chlorobenzene	11.67	112	201775	51.821	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	93419	59.312	ug/l	99
67) Ethyl Benzene	11.75	91	335588	49.924	ug/l	97
68) m/p-Xylenes	11.86	106	260015	99.400	ug/l	99
69) o-Xylene	12.18	106	124720	52.366	ug/l	99
70) Styrene	12.20	104	213717	52.681	ug/l	100
71) Bromoform	12.36	173	50098	58.593	ug/l #	98
73) Isopropylbenzene	12.48	105	303285	57.954	ug/l	100
74) N-amyl acetate	12.29	43	20604	29.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	51675	73.578	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	41524m	74.909	ug/l	
77) Bromobenzene	12.77	156	87399	66.718	ug/l	98
78) n-propylbenzene	12.83	91	307726	52.855	ug/l	100
79) 2-Chlorotoluene	12.91	91	194602	56.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	252808	55.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15349	64.763	ug/l #	82
82) 4-Chlorotoluene	13.01	91	204293	55.621	ug/l	99
83) tert-Butylbenzene	13.23	119	196036	50.122	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	253603	55.776	ug/l	100
85) sec-Butylbenzene	13.41	105	212806	41.416	ug/l	99
86) p-Isopropyltoluene	13.52	119	208610	41.916	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	132479	52.254	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	135100	53.794	ug/l	100
89) n-Butylbenzene	13.85	91	145294	34.068	ug/l	97
90) Hexachloroethane	14.11	117	40113	42.340	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	120326	55.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10274	67.853	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	54678	35.358	ug/l	99
94) Hexachlorobutadiene	15.27	225	19423	19.658	ug/l	95
95) Naphthalene	15.40	128	124208	49.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	47110	35.765	ug/l	98

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

