

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075555.D
 Acq On : 31 Mar 2023 13:02
 Operator : KP/SY
 Sample : VSTD05020
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050120

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:57:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	454059	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	352290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	177058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	508799	48.127	ug/L	0.00
7) Chloroethane-d5	2.805	69	438457	46.608	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	405335	47.534	ug/L	0.00
21) 2-Butanone-d5	6.987	46	66407	96.458	ug/L	0.00
24) Chloroform-d	7.569	84	468523	43.766	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	228429	48.151	ug/L	0.00
32) Benzene-d6	8.204	84	1210655	58.782	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	310118	56.500	ug/L	0.00
41) Toluene-d8	10.269	98	1031554	53.415	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	115319	50.400	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	68223	105.037	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	212299	51.631	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	310453	51.115	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	170719	40.119	ug/L	96
3) Chloromethane	2.152	50	218976	39.323	ug/L	97
5) Vinyl chloride	2.287	62	363127	41.842	ug/L	99
6) Bromomethane	2.699	94	251580	42.486	ug/L	99
8) Chloroethane	2.840	64	253866	41.988	ug/L	97
9) Trichlorofluoromethane	3.181	101	322680	42.761	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	230217	43.917	ug/L	99
12) 1,1-Dichloroethene	3.946	96	191063	44.119	ug/L	96
13) Acetone	4.016	43	63498	87.943	ug/L	95
14) Carbon disulfide	4.269	76	413185	39.880	ug/L	100
15) Methyl Acetate	4.563	43	54909m	45.379	ug/L	
16) Methylene chloride	4.805	84	214913	34.434	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	202042	43.946	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	426388	48.777	ug/L #	94
19) 1,1-Dichloroethane	6.110	63	338289	42.925	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	248996	46.123	ug/L	93
22) 2-Butanone	7.081	43	77461	90.060	ug/L	100
23) Bromochloromethane	7.428	128	108580	42.657	ug/L	97
25) Chloroform	7.593	83	410839	43.523	ug/L	98
27) 1,2-Dichloroethane	8.328	62	231138	47.372	ug/L	99
29) Cyclohexane	7.881	56	225227	52.388	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	336418	48.475	ug/L	99
31) Carbon tetrachloride	7.993	117	278045	49.629	ug/L	100
33) Benzene	8.252	78	986881	54.440	ug/L	100
34) Trichloroethene	9.028	95	265771	52.330	ug/L	97
35) Methylcyclohexane	9.275	83	380493	57.277	ug/L	97
37) 1,2-Dichloropropane	9.304	63	232736	54.570	ug/L	100
38) Bromodichloromethane	9.587	83	297934	49.048	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	349982	51.756	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	167259	104.630	ug/L	97
42) Toluene	10.334	91	1025930	50.937	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	293030	50.967	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	188908	48.267	ug/L	97
46) Tetrachloroethene	10.810	164	185898	46.737	ug/L	98
48) 2-Hexanone	10.922	43	121012	112.323	ug/L	97
49) Dibromochloromethane	11.075	129	217816	51.403	ug/L	98
50) 1,2-Dibromoethane	11.181	107	171315	49.959	ug/L #	96
51) Chlorobenzene	11.610	112	675831	49.822	ug/L	97
52) Ethylbenzene	11.687	91	1125628	53.146	ug/L	100
53) m,p-Xylene	11.798	106	449212	54.088	ug/L	98
54) o-Xylene	12.122	106	445442	56.326	ug/L	99
55) Styrene	12.140	104	799844	56.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	206696	51.174	ug/L	94
59) Bromoform	12.304	173	130114	47.517	ug/L	99
60) Isopropylbenzene	12.422	105	1197087	51.206	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	127458	45.481	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	930456	52.766	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	903934	53.607	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	529712	50.040	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	539532	48.863	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	488901	50.993	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	25674	45.493	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.598	180	332091	50.870	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	270320	51.149	ug/L	98
71) Naphthalene	15.334	128	538130	55.072	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	239227	50.534	ug/L	100

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

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