

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076914.D
 Acq On : 03 Aug 2023 11:28
 Operator : KP/SY
 Sample : VSTD05061
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050161

Quant Time: Aug 04 01:42:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	281703	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	283059	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	151722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	353088	52.555	ug/L	0.00
7) Chloroethane-d5	2.793	69	330368	58.593	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	89829	51.302	ug/L	0.00
21) 2-Butanone-d5	6.981	46	134866	127.132	ug/L	0.00
24) Chloroform-d	7.569	84	449026	59.647	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	230219	61.927	ug/L	0.00
32) Benzene-d6	8.199	84	908996	53.662	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	270957	50.333	ug/L	0.00
41) Toluene-d8	10.269	98	861253	54.655	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	126206	55.871	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	124312	140.192	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	272866	66.635	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	289542	53.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	217424	49.976	ug/L	99
3) Chloromethane	2.146	50	289294	41.163	ug/L	98
5) Vinyl chloride	2.281	62	426017	53.732	ug/L	94
6) Bromomethane	2.687	94	319558	67.948	ug/L	97
8) Chloroethane	2.828	64	290660	58.514	ug/L	98
9) Trichlorofluoromethane	3.170	101	356005	59.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	230715	59.458	ug/L	97
12) 1,1-Dichloroethene	3.934	96	211426	56.702	ug/L	93
13) Acetone	4.022	43	147228	155.263	ug/L	71
14) Carbon disulfide	4.269	76	728572	54.088	ug/L	99
15) Methyl Acetate	4.558	43	107462m	55.527	ug/L	
16) Methylene chloride	4.799	84	245289	48.856	ug/L	82
17) trans-1,2-Dichloroethene	5.311	96	232604	55.423	ug/L	89
18) Methyl tert-butyl Ether	5.316	73	541561	56.913	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	385651	51.426	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	263456	56.401	ug/L	89
22) 2-Butanone	7.081	43	183454	127.367	ug/L	85
23) Bromochloromethane	7.428	128	121184	59.761	ug/L	82
25) Chloroform	7.593	83	420742	56.016	ug/L	99
27) 1,2-Dichloroethane	8.322	62	261956	56.633	ug/L	97
29) Cyclohexane	7.875	56	332778	45.505	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	351778	52.966	ug/L	96
31) Carbon tetrachloride	7.987	117	303054	56.420	ug/L	97
33) Benzene	8.252	78	949954	50.854	ug/L	100
34) Trichloroethene	9.028	95	241320	50.391	ug/L	97
35) Methylcyclohexane	9.275	83	428841	54.863	ug/L	91
37) 1,2-Dichloropropane	9.304	63	240190	47.428	ug/L	98
38) Bromodichloromethane	9.587	83	322187	54.506	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	408788	52.521	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	316674	101.046	ug/L #	90
42) Toluene	10.334	91	1049251	52.212	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	347938	54.452	ug/L	99

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

45) 1,1,2-Trichloroethane	10.734	97	208232	57.150	ug/L	94
46) Tetrachloroethene	10.810	164	189025	49.870	ug/L	92
48) 2-Hexanone	10.922	43	265931	120.393	ug/L #	91
49) Dibromochloromethane	11.075	129	235797	57.706	ug/L	100
50) 1,2-Dibromoethane	11.181	107	211778	59.931	ug/L	89
51) Chlorobenzene	11.604	112	670503	53.407	ug/L	98
52) Ethylbenzene	11.681	91	1163556	53.737	ug/L	100
53) m,p-Xylene	11.793	106	448021	52.762	ug/L	97
54) o-Xylene	12.122	106	430772	53.299	ug/L	96
55) Styrene	12.134	104	780091	55.187	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	265528	62.562	ug/L	96
59) Bromoform	12.298	173	148929	53.834	ug/L #	99
60) Isopropylbenzene	12.422	105	1149419	49.877	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	173983	56.918	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	898655	49.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	893392	49.261	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	492928	48.246	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	503031	48.396	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	463558	50.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	36954	54.855	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	314968	46.593	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	281560	46.875	ug/L	97
71) Naphthalene	15.334	128	681501	56.876	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	255952	48.481	ug/L	98

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

