

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076915.D
 Acq On : 03 Aug 2023 11:55
 Operator : KP/SY
 Sample : VSTD10062
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100162

Quant Time: Aug 04 01:42:31 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	307055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	317998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	171621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	730149	99.705	ug/L	0.00
7) Chloroethane-d5	2.793	69	691819	112.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	184589	96.716	ug/L	0.00
21) 2-Butanone-d5	6.981	46	280947	242.970	ug/L	0.00
24) Chloroform-d	7.569	84	943195	114.946	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	482482	119.068	ug/L	0.00
32) Benzene-d6	8.199	84	1923607	101.083	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	572868	94.725	ug/L	0.00
41) Toluene-d8	10.269	98	1868093	105.523	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	273552	107.794	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	258214	259.205	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	576690	125.356	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	631755	102.233	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	453699	95.674	ug/L	99
3) Chloromethane	2.146	50	596472	77.864	ug/L	100
5) Vinyl chloride	2.281	62	890508	103.043	ug/L	94
6) Bromomethane	2.675	94	733351	143.060	ug/L	99
8) Chloroethane	2.828	64	610779	112.807	ug/L	99
9) Trichlorofluoromethane	3.169	101	738817	113.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	479379	113.342	ug/L	97
12) 1,1-Dichloroethene	3.934	96	454395	111.802	ug/L	92
13) Acetone	4.022	43	297109	287.454	ug/L	95
14) Carbon disulfide	4.263	76	1526226	103.949	ug/L	100
15) Methyl Acetate	4.563	43	222559m	105.505	ug/L	
16) Methylene chloride	4.799	84	507026	92.650	ug/L	76
17) trans-1,2-Dichloroethene	5.310	96	507568	110.954	ug/L	88
18) Methyl tert-butyl Ether	5.316	73	1174236	113.213	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	812959	99.456	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	572937	112.528	ug/L	90
22) 2-Butanone	7.081	43	373772	238.074	ug/L	85
23) Bromochloromethane	7.422	128	258637	117.015	ug/L	82
25) Chloroform	7.593	83	888493	108.523	ug/L	99
27) 1,2-Dichloroethane	8.322	62	552486	109.581	ug/L	98
29) Cyclohexane	7.875	56	717903	87.382	ug/L #	84
30) 1,1,1-Trichloroethane	7.793	97	747975	100.246	ug/L	97
31) Carbon tetrachloride	7.987	117	639850	106.033	ug/L	99
33) Benzene	8.251	78	2042693	97.336	ug/L	100
34) Trichloroethene	9.028	95	522566	97.129	ug/L	97
35) Methylcyclohexane	9.275	83	916276	104.343	ug/L	89
37) 1,2-Dichloropropane	9.304	63	512489	90.077	ug/L	98
38) Bromodichloromethane	9.581	83	684348	103.053	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	889746	101.755	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	661232	187.808	ug/L #	88
42) Toluene	10.334	91	2287302	101.313	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	764853	106.547	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	448016	109.449	ug/L	97
46) Tetrachloroethene	10.810	164	403961	94.867	ug/L	97
48) 2-Hexanone	10.922	43	534006	215.194	ug/L #	87
49) Dibromochloromethane	11.075	129	502352	109.432	ug/L	98
50) 1,2-Dibromoethane	11.181	107	451753	113.795	ug/L	89
51) Chlorobenzene	11.610	112	1458023	103.374	ug/L	96
52) Ethylbenzene	11.681	91	2529522	103.987	ug/L	99
53) m,p-Xylene	11.792	106	984629	103.217	ug/L	91
54) o-Xylene	12.122	106	979475	107.874	ug/L	99
55) Styrene	12.134	104	1759134	110.776	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.675	83	561082	117.675	ug/L	99
59) Bromoform	12.298	173	323734	103.454	ug/L #	99
60) Isopropylbenzene	12.422	105	2533686	97.198	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	362394	104.810	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	1999133	96.839	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1988878	96.950	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1087776	94.124	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	1111663	94.552	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	1027637	98.615	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	80718	105.925	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	708190	92.614	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	629707	92.680	ug/L	98
71) Naphthalene	15.333	128	1547630	114.184	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	566992	94.945	ug/L	98

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

