

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075758.D
 Acq On : 20 Apr 2023 10:36
 Operator : KP/SY
 Sample : VSTD2.523
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5123

Quant Time: Apr 21 05:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:00:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	354491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	322357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	141220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	17693	2.255	ug/L	0.00
7) Chloroethane-d5	2.805	69	16183	2.406	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	4330	0.673	ug/L	0.00
21) 2-Butanone-d5	6.993	46	2642m	4.241	ug/L	0.00
24) Chloroform-d	7.569	84	22585	2.542	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	9126	2.413	ug/L	0.00
32) Benzene-d6	8.204	84	43172	2.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	11806	2.275	ug/L	0.00
41) Toluene-d8	10.275	98	38293	2.201	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	5096	2.406	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2457	4.036	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	9516	2.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	11894	2.387	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8140	1.620	ug/L	97
3) Chloromethane	2.152	50	8894	1.304	ug/L	98
5) Vinyl chloride	2.287	62	13434	1.504	ug/L	92
6) Bromomethane	2.693	94	8821	1.469	ug/L	83
8) Chloroethane	2.840	64	9522	1.643	ug/L	98
9) Trichlorofluoromethane	3.181	101	15161	2.084	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	10857	2.212	ug/L #	47
12) 1,1-Dichloroethene	3.940	96	7805	1.665	ug/L	86
13) Acetone	4.022	43	3274m	5.945	ug/L	
14) Carbon disulfide	4.275	76	14249	0.866	ug/L #	95
15) Methyl Acetate	4.563	43	2687m	2.450	ug/L	
16) Methylene chloride	4.799	84	26562	3.596	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	8905m	1.711	ug/L	
18) Methyl tert-butyl Ether	5.316	73	16962	2.022	ug/L #	69
19) 1,1-Dichloroethane	6.110	63	16625	2.167	ug/L #	90
20) cis-1,2-Dichloroethene	7.081	96	10677	1.944	ug/L	92
22) 2-Butanone	7.093	43	3468m	4.681	ug/L	
23) Bromochloromethane	7.428	128	5230	2.038	ug/L	95
25) Chloroform	7.604	83	19654	2.315	ug/L	93
27) 1,2-Dichloroethane	8.328	62	10232	2.307	ug/L	99
29) Cyclohexane	7.881	56	7822	1.404	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	16248	2.378	ug/L	95
31) Carbon tetrachloride	7.993	117	10902	1.977	ug/L	96
33) Benzene	8.251	78	37846	1.958	ug/L	100
34) Trichloroethene	9.034	95	10574	2.091	ug/L	95
35) Methylcyclohexane	9.275	83	12211	1.552	ug/L	98
37) 1,2-Dichloropropane	9.304	63	10664	2.374	ug/L #	95
38) Bromodichloromethane	9.587	83	14658	2.407	ug/L	89
39) cis-1,3-Dichloropropene	10.016	75	14576	2.059	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	6350	3.983	ug/L	100
42) Toluene	10.334	91	41623	1.982	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	11275	1.993	ug/L	98

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45) 1,1,2-Trichloroethane	10.734	97	9202	2.433	ug/L	94
46) Tetrachloroethene	10.816	164	8230	1.996	ug/L	97
48) 2-Hexanone	10.922	43	4562	4.088	ug/L #	90
49) Dibromochloromethane	11.075	129	9365	2.279	ug/L	88
50) 1,2-Dibromoethane	11.181	107	7619	2.227	ug/L #	91
51) Chlorobenzene	11.604	112	30495	2.226	ug/L	98
52) Ethylbenzene	11.687	91	42383	1.966	ug/L	95
53) m,p-Xylene	11.798	106	15658	1.827	ug/L	92
54) o-Xylene	12.122	106	15320	1.876	ug/L	89
55) Styrene	12.134	104	27028	1.904	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.681	83	9530	2.448	ug/L #	88
59) Bromoform	12.304	173	5279	2.423	ug/L	99
60) Isopropylbenzene	12.422	105	40246	2.146	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	5938	2.698	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	27694	1.969	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	27448	2.036	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	20495	2.273	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	23069	2.468	ug/L	91
67) 1,2-Dichlorobenzene	13.834	146	18794	2.343	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.445	75	1138	2.487	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.598	180	13468	2.253	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	10316	2.075	ug/L	96
71) Naphthalene	15.333	128	16130	1.793	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.522	180	9353	2.118	ug/L	99

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

