

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076431.D
 Acq On : 15 Jun 2023 10:10
 Operator : KP/SY
 Sample : VSTD2.552
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5152

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Semsettin Yesilyurt 06/16/2023

Quant Time: Jun 16 01:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:27:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	272061	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	15626	2.358	ug/L	0.00
7) Chloroethane-d5	2.799	69	13787	2.574	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	4189	2.422	ug/L	0.00
21) 2-Butanone-d5	6.987	46	4779m	4.763	ug/L	0.00
24) Chloroform-d	7.563	84	18097	2.525	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	8553	2.419	ug/L	0.00
32) Benzene-d6	8.199	84	36115	2.401	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	12133	2.527	ug/L	0.00
41) Toluene-d8	10.269	98	33718	2.421	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	4525	2.266	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	3826	5.134	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	8313	2.434	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	10683	2.517	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	10695	2.523	ug/L	99
3) Chloromethane	2.146	50	17988	2.552	ug/L	99
5) Vinyl chloride	2.281	62	18074	2.377	ug/L	95
6) Bromomethane	2.687	94	9528	2.263	ug/L	98
8) Chloroethane	2.834	64	11739	2.521	ug/L	98
9) Trichlorofluoromethane	3.175	101	13583	2.471	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	9190	2.577	ug/L #	58
12) 1,1-Dichloroethene	3.940	96	8671m	2.452	ug/L	
13) Acetone	4.022	43	5503m	6.790	ug/L	
14) Carbon disulfide	4.264	76	30909	2.415	ug/L	98
15) Methyl Acetate	4.558	43	4406	2.382	ug/L #	61
16) Methylene chloride	4.805	84	15566m	3.292	ug/L	
17) trans-1,2-Dichloroethene	5.311	96	10145m	2.577	ug/L	
18) Methyl tert-butyl Ether	5.316	73	22803m	2.544	ug/L	
19) 1,1-Dichloroethane	6.105	63	18553	2.578	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	10903m	2.480	ug/L	
22) 2-Butanone	7.081	43	7786m	5.953	ug/L	
23) Bromochloromethane	7.428	128	4265	2.286	ug/L	89
25) Chloroform	7.599	83	17921	2.551	ug/L	84
27) 1,2-Dichloroethane	8.322	62	10723	2.483	ug/L	98
29) Cyclohexane	7.875	56	16500	2.524	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	13546	2.372	ug/L	97
31) Carbon tetrachloride	7.987	117	10530	2.305	ug/L	98
33) Benzene	8.252	78	39029	2.399	ug/L	100
34) Trichloroethene	9.028	95	10345	2.475	ug/L	88
35) Methylcyclohexane	9.275	83	16174	2.400	ug/L	95
37) 1,2-Dichloropropane	9.305	63	11422	2.575	ug/L #	97
38) Bromodichloromethane	9.581	83	11675	2.307	ug/L #	94
39) cis-1,3-Dichloropropene	10.016	75	16491	2.434	ug/L	90
40) 4-Methyl-2-pentanone	10.157	43	14273	5.172	ug/L #	96
42) Toluene	10.334	91	41303	2.375	ug/L	95
44) trans-1,3-Dichloropropene	10.552	75	13268	2.410	ug/L	94

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

45) 1,1,2-Trichloroethane	10.734	97	7426	2.440	ug/L	98
46) Tetrachloroethene	10.804	164	8563	2.606	ug/L	79
48) 2-Hexanone	10.922	43	8979	4.751	ug/L	98
49) Dibromochloromethane	11.075	129	8739	2.527	ug/L	92
50) 1,2-Dibromoethane	11.181	107	7489	2.536	ug/L #	93
51) Chlorobenzene	11.610	112	25806	2.377	ug/L	96
52) Ethylbenzene	11.681	91	44839	2.392	ug/L	95
53) m,p-Xylene	11.799	106	19310	2.622	ug/L	80
54) o-Xylene	12.122	106	16537	2.358	ug/L	100
55) Styrene	12.134	104	28698	2.369	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	8708	2.504	ug/L #	91
59) Bromoform	12.304	173	5122	2.471	ug/L #	98
60) Isopropylbenzene	12.422	105	42414	2.395	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	5652	2.515	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.904	105	33751	2.382	ug/L	94
63) 1,2,4-Trimethylbenzene	13.216	105	33961	2.429	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	19842	2.518	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	20193	2.542	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	17375	2.475	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.445	75	1346	2.688	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	11813	2.248	ug/L	90
70) 1,2,4-trichlorobenzene	15.104	180	11667	2.495	ug/L	97
71) Naphthalene	15.334	128	22792	2.546	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.528	180	10646	2.622	ug/L	99

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

