

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077703.D
 Acq On : 29 Nov 2023 16:23
 Operator : JC/SY
 Sample : VSTD10007
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100107

Quant Time: Nov 29 23:56:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 29 23:54:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	322973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	311914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	167846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	852068	102.083	ug/L	0.00
7) Chloroethane-d5	2.799	69	659129	101.637	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	221027	89.471	ug/L	0.00
21) 2-Butanone-d5	6.987	46	237595	175.688	ug/L	0.00
24) Chloroform-d	7.569	84	873932	95.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	465713	96.012	ug/L	0.00
32) Benzene-d6	8.205	84	1860681	93.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	552072	86.497	ug/L	0.00
41) Toluene-d8	10.275	98	1771786	97.876	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	258012	93.248	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	219733	193.775	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	438266	102.297	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	604903	102.525	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	551207	105.994	ug/L	98
3) Chloromethane	2.152	50	758046	101.434	ug/L	99
5) Vinyl chloride	2.287	62	981857	114.108	ug/L	99
6) Bromomethane	2.693	94	554031	122.852	ug/L	98
8) Chloroethane	2.840	64	601602	112.748	ug/L	100
9) Trichlorofluoromethane	3.175	101	800707	104.592	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	498254	105.696	ug/L	98
12) 1,1-Dichloroethene	3.940	96	484076m	106.546	ug/L	
13) Acetone	4.022	43	336682	227.070	ug/L	99
14) Carbon disulfide	4.275	76	1646105	100.107	ug/L	100
15) Methyl Acetate	4.569	43	215523	90.956	ug/L	99
16) Methylene chloride	4.805	84	482096	88.889	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	502652	105.243	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	1144967	103.701	ug/L	99
19) 1,1-Dichloroethane	6.116	63	885036	93.445	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	541257	104.398	ug/L	99
22) 2-Butanone	7.087	43	390656m	219.658	ug/L	
23) Bromochloromethane	7.428	128	225225	107.324	ug/L	98
25) Chloroform	7.599	83	886918	101.173	ug/L	95
27) 1,2-Dichloroethane	8.328	62	566643	98.068	ug/L	98
29) Cyclohexane	7.881	56	870712	88.681	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	761526	94.736	ug/L	99
31) Carbon tetrachloride	7.993	117	683582	98.208	ug/L	100
33) Benzene	8.252	78	2116573	99.348	ug/L	100
34) Trichloroethene	9.028	95	522573	98.810	ug/L	99
35) Methylcyclohexane	9.275	83	961181	100.833	ug/L	100
37) 1,2-Dichloropropane	9.305	63	545642	92.704	ug/L	99
38) Bromodichloromethane	9.587	83	650664	96.106	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	887943	98.348	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	648346	184.661	ug/L	99
42) Toluene	10.334	91	2316150	103.092	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	762356	102.040	ug/L	99

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45) 1,1,2-Trichloroethane	10.734	97	383756	105.394	ug/L	96
46) Tetrachloroethene	10.816	164	432424	109.633	ug/L	99
48) 2-Hexanone	10.922	43	579039	203.338	ug/L	98
49) Dibromochloromethane	11.075	129	446868	107.507	ug/L	97
50) 1,2-Dibromoethane	11.181	107	369090	105.807	ug/L #	100
51) Chlorobenzene	11.610	112	1424103	107.361	ug/L	99
52) Ethylbenzene	11.687	91	2594042	105.235	ug/L	99
53) m,p-Xylene	11.798	106	990232	109.657	ug/L	95
54) o-Xylene	12.122	106	998654	115.018	ug/L	96
55) Styrene	12.140	104	1752740	115.398	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	465193	108.756	ug/L	97
59) Bromoform	12.304	173	282152	99.562	ug/L #	98
60) Isopropylbenzene	12.422	105	2652349	99.230	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	313082	90.060	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	2029465	100.448	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	2089066	101.948	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1132590	102.714	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	1151753	102.966	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	1035543	105.458	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	66466	87.246	ug/L	86
69) 1,3,5-Trichlorobenzene	14.598	180	804980	107.372	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	688270	109.018	ug/L	98
71) Naphthalene	15.334	128	1307105	110.109	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	595996	110.070	ug/L	98

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

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