

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077702.D
 Acq On : 29 Nov 2023 15:56
 Operator : JC/SY
 Sample : VSTD05006
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050106

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 23:56:06 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	311986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	291326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	154082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	426544	52.902	ug/L	0.00
7) Chloroethane-d5	2.805	69	332402	53.061	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	108357	45.407	ug/L	0.00
21) 2-Butanone-d5	6.987	46	116888m	89.476	ug/L	0.00
24) Chloroform-d	7.569	84	437595	49.527	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	223164	47.628	ug/L	0.00
32) Benzene-d6	8.204	84	914007	49.280	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	274862	46.108	ug/L	0.00
41) Toluene-d8	10.269	98	866381	51.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	126934	49.117	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	107251	101.265	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	212686	53.152	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	282947	52.241	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	258954	51.549	ug/L	99
3) Chloromethane	2.152	50	364681	50.516	ug/L	98
5) Vinyl chloride	2.287	62	465291	55.979	ug/L	100
6) Bromomethane	2.693	94	248713	57.092	ug/L	99
8) Chloroethane	2.840	64	281603	54.634	ug/L	96
9) Trichlorofluoromethane	3.181	101	384710	52.022	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	233734	51.329	ug/L	98
12) 1,1-Dichloroethene	3.940	96	222282m	50.648	ug/L	
13) Acetone	4.022	43	158795	110.868	ug/L	99
14) Carbon disulfide	4.275	76	783737	49.341	ug/L	100
15) Methyl Acetate	4.569	43	101645	44.407	ug/L	100
16) Methylene chloride	4.805	84	235012	44.858	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	235279	50.996	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	524182	49.147	ug/L	99
19) 1,1-Dichloroethane	6.116	63	426912	46.662	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	253715	50.660	ug/L	99
22) 2-Butanone	7.081	43	177823m	103.508	ug/L	
23) Bromochloromethane	7.428	128	107195	52.879	ug/L	95
25) Chloroform	7.599	83	414962	49.003	ug/L	94
27) 1,2-Dichloroethane	8.328	62	268474	48.100	ug/L #	94
29) Cyclohexane	7.881	56	407231	44.407	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	364431	48.540	ug/L	99
31) Carbon tetrachloride	7.993	117	325444	50.060	ug/L	100
33) Benzene	8.252	78	992214	49.864	ug/L	100
34) Trichloroethene	9.028	95	241788	48.949	ug/L	97
35) Methylcyclohexane	9.275	83	448563	50.382	ug/L	99
37) 1,2-Dichloropropane	9.304	63	253283	46.074	ug/L	99
38) Bromodichloromethane	9.587	83	307328	48.602	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	407699	48.348	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	300037	91.495	ug/L	100
42) Toluene	10.334	91	1072461	51.109	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	345585	49.525	ug/L	99

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

45) 1,1,2-Trichloroethane	10.734	97	174319	51.258	ug/L	96
46) Tetrachloroethene	10.810	164	198127	53.781	ug/L	99
48) 2-Hexanone	10.922	43	272255	102.363	ug/L	99
49) Dibromochloromethane	11.075	129	203555	52.432	ug/L	94
50) 1,2-Dibromoethane	11.181	107	167367	51.370	ug/L #	97
51) Chlorobenzene	11.610	112	645193	52.077	ug/L	99
52) Ethylbenzene	11.687	91	1187204	51.566	ug/L	99
53) m,p-Xylene	11.793	106	444901	52.749	ug/L	98
54) o-Xylene	12.122	106	442885	54.613	ug/L	99
55) Styrene	12.140	104	777919	54.836	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	211178	52.860	ug/L	97
59) Bromoform	12.304	173	129112	49.629	ug/L #	98
60) Isopropylbenzene	12.422	105	1192445	48.597	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	141582	44.365	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	912972	49.224	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	929931	49.435	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	506221	50.010	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	517517	50.399	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	464496	51.529	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	30889	44.168	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	354186	51.463	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	299696	51.711	ug/L	99
71) Naphthalene	15.334	128	573133	52.593	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	264217	53.155	ug/L	99

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

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