

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026991.D
 Acq On : 05 Sep 2023 10:46
 Operator : SY/MD
 Sample : VSTD02530
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025430

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 01:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	643618	25.000	ug/L	0.00	
28) Chlorobenzene-d5	11.629	117	614457	25.000	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	13.556	152	337606	25.000	ug/L	0.00	
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	270277	23.505	ug/L	0.00	
7) Chloroethane-d5	2.893	69	232259	25.027	ug/L	0.00	
11) 1,1-Dichloroethene-d2	4.021	65	100654	23.587	ug/L	0.00	
21) 2-Butanone-d5	7.081	46	101112	46.398	ug/L	0.00	
24) Chloroform-d	7.648	84	487157	25.436	ug/L	0.00	
26) 1,2-Dichloroethane-d4	8.307	65	243218	24.161	ug/L	0.00	
32) Benzene-d6	8.276	84	1024794	25.427	ug/L	0.00	
36) 1,2-Dichloropropane-d6	9.276	67	304193	25.712	ug/L	0.00	
41) Toluene-d8	10.319	98	935123	25.627	ug/L	0.00	
43) trans-1,3-Dichloroprop...	10.575	79	113076	24.626	ug/L	0.00	
47) 2-Hexanone-d5	10.922	63	57092	51.684	ug/L	0.00	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235742	25.674	ug/L	0.00	
66) 1,2-Dichlorobenzene-d4	13.848	152	300404	25.727	ug/L	0.00	
Target Compounds							
2) Dichlorodifluoromethane	2.015	85	194655m	26.220	ug/L		Qvalue
3) Chloromethane	2.229	50	298186	26.707	ug/L	100	
5) Vinyl chloride	2.375	62	338865	26.601	ug/L	100	
6) Bromomethane	2.783	94	219782	26.141	ug/L	100	
8) Chloroethane	2.936	64	212743	26.608	ug/L	100	
9) Trichlorofluoromethane	3.265	101	198356	26.874	ug/L	99	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	248127	27.034	ug/L	100	
12) 1,1-Dichloroethene	4.051	96	240562	26.454	ug/L	100	
13) Acetone	4.118	43	84253	43.430	ug/L	100	
14) Carbon disulfide	4.393	76	772191	26.475	ug/L	100	
15) Methyl Acetate	4.673	43	104323	25.004	ug/L	# 89	
16) Methylene chloride	4.923	84	267648	21.152	ug/L	100	
17) trans-1,2-Dichloroethene	5.429	96	262044	26.328	ug/L	100	
18) Methyl tert-butyl Ether	5.423	73	369406	26.648	ug/L	100	
19) 1,1-Dichloroethane	6.216	63	492137	26.231	ug/L	100	
20) cis-1,2-Dichloroethene	7.167	96	286451	26.153	ug/L	100	
22) 2-Butanone	7.167	43	141570	45.671	ug/L	100	
23) Bromochloromethane	7.514	128	122573	25.787	ug/L	100	
25) Chloroform	7.679	83	479957	26.082	ug/L	100	
27) 1,2-Dichloroethane	8.398	62	312022	26.803	ug/L	100	
29) Cyclohexane	7.959	56	452549	28.249	ug/L	100	
30) 1,1,1-Trichloroethane	7.874	97	369788	26.568	ug/L	100	
31) Carbon tetrachloride	8.069	117	338438	27.282	ug/L	100	
33) Benzene	8.325	78	1130762	26.909	ug/L	100	
34) Trichloroethene	9.093	95	282997	26.210	ug/L	100	
35) Methylcyclohexane	9.337	83	506973	27.636	ug/L	100	
37) 1,2-Dichloropropane	9.367	63	284645	26.544	ug/L	100	
38) Bromodichloromethane	9.642	83	334606	26.495	ug/L	100	
39) cis-1,3-Dichloropropene	10.075	75	434588	27.292	ug/L	100	
40) 4-Methyl-2-pentanone	10.209	43	300527	54.283	ug/L	100	
42) Toluene	10.386	91	1199309	27.733	ug/L	100	
44) trans-1,3-Dichloropropene	10.605	75	356576	27.583	ug/L	100	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	202424	26.204	ug/L	100
46) Tetrachloroethene	10.861	164	220146	26.710	ug/L	100
48) 2-Hexanone	10.965	43	208595	56.635	ug/L	100
49) Dibromochloromethane	11.123	129	209220	26.292	ug/L	100
50) 1,2-Dibromoethane	11.233	107	184400	26.366	ug/L	100
51) Chlorobenzene	11.654	112	738684	26.519	ug/L	100
52) Ethylbenzene	11.727	91	1318393	27.500	ug/L	100
53) m,p-Xylene	11.837	106	506571	27.933	ug/L	100
54) o-Xylene	12.160	106	470239	27.712	ug/L	100
55) Styrene	12.178	104	800171	27.630	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	245176	26.822	ug/L	100
59) Bromoform	12.349	173	128480	26.760	ug/L	100
60) Isopropylbenzene	12.458	105	1281443	27.708	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	168246	26.051	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1047502	28.384	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1020089	28.273	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	567921	26.993	ug/L	100
65) 1,4-Dichlorobenzene	13.580	146	572644	26.782	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	510739	26.943	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	36746	25.090	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	386176	26.423	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	318772	26.788	ug/L	100
71) Naphthalene	15.360	128	599647	28.479	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	296292	27.467	ug/L	100

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

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