

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027279.D
 Acq On : 11 Oct 2023 10:52
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005461

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 00:59:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	480690	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	437170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	224712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	35209	4.799	ug/L	0.00
7) Chloroethane-d5	2.893	69	24694	4.688	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	18712	5.090	ug/L	0.00
21) 2-Butanone-d5	7.087	46	23965	9.869	ug/L	0.01
24) Chloroform-d	7.654	84	70410	4.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	38269	4.973	ug/L	0.00
32) Benzene-d6	8.276	84	145689	4.926	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	44888	4.969	ug/L	0.00
41) Toluene-d8	10.325	98	133496	4.977	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	20382	4.923	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	17957	9.607	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	33337	4.946	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	39837	4.892	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	31137	5.434	ug/L	96
3) Chloromethane	2.222	50	34782	5.292	ug/L	99
5) Vinyl chloride	2.375	62	40325	5.492	ug/L	97
6) Bromomethane	2.783	94	22869	5.469	ug/L	96
8) Chloroethane	2.936	64	22467	5.316	ug/L	94
9) Trichlorofluoromethane	3.265	101	25458	4.915	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	35170m	5.600	ug/L	
12) 1,1-Dichloroethene	4.051	96	33493	5.280	ug/L	84
13) Acetone	4.125	43	18565m	9.013	ug/L	
14) Carbon disulfide	4.393	76	110148	5.637	ug/L	99
15) Methyl Acetate	4.679	43	18068	5.023	ug/L	96
16) Methylene chloride	4.923	84	54210	6.175	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	35950	5.308	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	63305	5.416	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	73748	5.336	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	40543	5.300	ug/L	95
22) 2-Butanone	7.173	43	31511	9.996	ug/L	93
23) Bromochloromethane	7.520	128	16556	5.242	ug/L	95
25) Chloroform	7.679	83	67919	5.251	ug/L	97
27) 1,2-Dichloroethane	8.404	62	47610	5.418	ug/L	99
29) Cyclohexane	7.959	56	74511	5.613	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	57457	5.388	ug/L	98
31) Carbon tetrachloride	8.075	117	52304	5.439	ug/L	99
33) Benzene	8.325	78	157077	5.498	ug/L	100
34) Trichloroethene	9.093	95	40837	5.411	ug/L	94
35) Methylcyclohexane	9.337	83	75954	5.628	ug/L	99
37) 1,2-Dichloropropane	9.368	63	40581	5.253	ug/L	100
38) Bromodichloromethane	9.648	83	50924	5.361	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	68119	5.338	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	54800	10.315	ug/L	99
42) Toluene	10.386	91	163676	5.461	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	56866	5.281	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	27646	5.201	ug/L	95
46) Tetrachloroethene	10.861	164	28452	5.460	ug/L	97
48) 2-Hexanone	10.965	43	38063	9.680	ug/L	99
49) Dibromochloromethane	11.129	129	30350	5.141	ug/L	98
50) 1,2-Dibromoethane	11.233	107	27430	5.322	ug/L #	88
51) Chlorobenzene	11.654	112	101888	5.429	ug/L	96
52) Ethylbenzene	11.727	91	188713	5.418	ug/L	99
53) m,p-Xylene	11.837	106	70314	5.323	ug/L	97
54) o-Xylene	12.160	106	67645	5.347	ug/L	99
55) Styrene	12.178	104	115777	5.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	34107	5.256	ug/L	98
59) Bromoform	12.349	173	17545	5.247	ug/L	95
60) Isopropylbenzene	12.458	105	186256	5.276	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	25252	5.147	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	156536	5.316	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	154121	5.349	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	75013	5.240	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	74491	5.211	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	67593	5.321	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	6359	5.186	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	49119	5.286	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	41951	5.304	ug/L	97
71) Naphthalene	15.360	128	83836	5.154	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35673	5.485	ug/L	93

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

