

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026082.D
 Acq On : 30 May 2023 11:23
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005462

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 01:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:24:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	690242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	618902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	303863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	35715	3.678	ug/L	0.00
7) Chloroethane-d5	2.899	69	29130	4.007	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	20402	4.261	ug/L	0.00
21) 2-Butanone-d5	7.075	46	24235	8.573	ug/L	0.00
24) Chloroform-d	7.648	84	90381	4.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	49595	4.487	ug/L	0.00
32) Benzene-d6	8.276	84	187542	4.503	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	58594	4.441	ug/L	0.00
41) Toluene-d8	10.325	98	163457	4.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	22783	4.358	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	16446	7.905	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	43441	4.525	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	53970	4.640	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.027	85	38797m	4.677	ug/L	
3) Chloromethane	2.222	50	47569	4.384	ug/L	97
5) Vinyl chloride	2.375	62	53063	4.575	ug/L	96
6) Bromomethane	2.783	94	30038	4.751	ug/L	94
8) Chloroethane	2.930	64	29509	4.709	ug/L	98
9) Trichlorofluoromethane	3.265	101	37239	4.991	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	49930m	5.486	ug/L	
12) 1,1-Dichloroethene	4.045	96	43839	4.988	ug/L	83
13) Acetone	4.118	43	24593	11.243	ug/L	96
14) Carbon disulfide	4.393	76	160110	5.161	ug/L	98
15) Methyl Acetate	4.673	43	23604	4.808	ug/L	98
16) Methylene chloride	4.917	84	58948	5.351	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	49244	4.994	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	73803	4.749	ug/L #	90
19) 1,1-Dichloroethane	6.216	63	101326	5.048	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	52149	4.993	ug/L	93
22) 2-Butanone	7.173	43	29957	9.609	ug/L	97
23) Bromochloromethane	7.514	128	22737	5.105	ug/L	92
25) Chloroform	7.679	83	94378	5.048	ug/L	97
27) 1,2-Dichloroethane	8.398	62	63937	4.958	ug/L	100
29) Cyclohexane	7.959	56	90848	4.755	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	76777	5.112	ug/L	100
31) Carbon tetrachloride	8.069	117	70005	5.108	ug/L	96
33) Benzene	8.319	78	214802	5.066	ug/L	100
34) Trichloroethene	9.093	95	54560	5.026	ug/L	96
35) Methylcyclohexane	9.337	83	95385	4.965	ug/L	98
37) 1,2-Dichloropropane	9.367	63	58599	5.103	ug/L	99
38) Bromodichloromethane	9.648	83	65241	4.890	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	81031	4.802	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	61990	9.156	ug/L	99
42) Toluene	10.386	91	224322	5.173	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	66784	4.750	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	38026	5.024	ug/L	97
46) Tetrachloroethene	10.861	164	40401	5.261	ug/L	98
48) 2-Hexanone	10.965	43	44161	9.251	ug/L	98
49) Dibromochloromethane	11.129	129	39126	4.931	ug/L	94
50) 1,2-Dibromoethane	11.233	107	34131	4.871	ug/L	96
51) Chlorobenzene	11.654	112	138468	5.096	ug/L	97
52) Ethylbenzene	11.727	91	245584	5.020	ug/L	99
53) m,p-Xylene	11.837	106	91591	5.033	ug/L	98
54) o-Xylene	12.160	106	86187	5.018	ug/L	99
55) Styrene	12.178	104	148031	5.024	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	45966	5.019	ug/L	96
59) Bromoform	12.349	173	22217	4.868	ug/L	99
60) Isopropylbenzene	12.458	105	234532	4.913	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	33678	4.948	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	182482	4.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	171345	4.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	103953	5.179	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	107596	5.325	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	92953	5.157	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	7531	4.776	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	73583	5.337	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	61967	5.447	ug/L	94
71) Naphthalene	15.360	128	99351	4.900	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	54389	5.470	ug/L	99

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

Manual Integrations

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