

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025372.D
 Acq On : 06 Mar 2023 09:15
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005432

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2023
 Supervised By :Mahesh Dadoda 03/07/2023

Quant Time: Mar 07 04:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 04:37:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	780924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	668813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	338721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69982	5.389	ug/L	0.00
7) Chloroethane-d5	2.899	69	49878	5.333	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	63	128586	5.127	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31180	9.608	ug/L	0.00
24) Chloroform-d	7.655	84	113551	5.044	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	63329	5.241	ug/L	0.00
32) Benzene-d6	8.276	84	239240	5.235	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	73046	5.169	ug/L	0.00
41) Toluene-d8	10.325	98	202903	5.036	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	27731	4.926	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18809	9.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53049	5.122	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	60492	4.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	42410m	4.872	ug/L	
3) Chloromethane	2.223	50	44136	4.158	ug/L	95
5) Vinyl chloride	2.375	62	55268	4.609	ug/L	94
6) Bromomethane	2.790	94	29902	4.677	ug/L	97
8) Chloroethane	2.936	64	33084	4.800	ug/L	96
9) Trichlorofluoromethane	3.271	101	47405	4.567	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	52645	5.230	ug/L	96
12) 1,1-Dichloroethene	4.045	96	46789m	4.804	ug/L	
13) Acetone	4.125	43	29925	9.767	ug/L	71
14) Carbon disulfide	4.393	76	125196	4.135	ug/L	98
15) Methyl Acetate	4.673	43	30504	5.239	ug/L	97
16) Methylene chloride	4.917	84	54824	5.042	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	48281	4.729	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	76086	4.951	ug/L #	84
19) 1,1-Dichloroethane	6.216	63	105077	4.971	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	53461	4.772	ug/L #	97
22) 2-Butanone	7.173	43	38698	9.764	ug/L	99
23) Bromochloromethane	7.520	128	24048	5.006	ug/L	91
25) Chloroform	7.673	83	100759	5.070	ug/L	95
27) 1,2-Dichloroethane	8.404	62	67520	5.091	ug/L	99
29) Cyclohexane	7.953	56	83225	4.408	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	81433	5.122	ug/L	100
31) Carbon tetrachloride	8.069	117	72396	5.080	ug/L	98
33) Benzene	8.325	78	213185	4.986	ug/L	100
34) Trichloroethene	9.093	95	55669	4.960	ug/L	97
35) Methylcyclohexane	9.337	83	89088	4.567	ug/L	99
37) 1,2-Dichloropropane	9.368	63	59878	5.087	ug/L	99
38) Bromodichloromethane	9.642	83	69904	5.092	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	80598	4.753	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	70093	9.908	ug/L	99
42) Toluene	10.386	91	216219	4.897	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	68613	4.832	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	42618	5.392	ug/L	99
46) Tetrachloroethene	10.861	164	39701	4.972	ug/L	96
48) 2-Hexanone	10.971	43	49071	9.641	ug/L	100
49) Dibromochloromethane	11.130	129	42977	5.089	ug/L	98
50) 1,2-Dibromoethane	11.233	107	37106	5.071	ug/L	96
51) Chlorobenzene	11.654	112	145518	5.193	ug/L	94
52) Ethylbenzene	11.727	91	245372	4.873	ug/L	92
53) m,p-Xylene	11.837	106	90024	4.847	ug/L	98
54) o-Xylene	12.166	106	84175	4.817	ug/L	88
55) Styrene	12.178	104	146879	4.922	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	53070	5.397	ug/L	97
59) Bromoform	12.349	173	25974	5.315	ug/L	97
60) Isopropylbenzene	12.465	105	237119	4.696	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	38019	5.152	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	181620	4.542	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	179950	4.568	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	107413	5.020	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	109335	4.982	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	97443	5.078	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	8568	5.015	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	73340	5.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	57836	4.796	ug/L	93
71) Naphthalene	15.360	128	109257	4.590	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55705	5.143	ug/L	95

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

