

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023394.D
 Acq On : 06 Jun 2022 09:00
 Operator : SY/VA
 Sample : VSTD2.513
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5413

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt
 06/07/2022
 Supervised By :Mahesh
 Dadoda
 06/07/2022

Quant Time: Jun 06 11:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	413341	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377573	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16681	2.200	ug/L	0.00
7) Chloroethane-d5	2.891	69	10585	2.037	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	23682	2.152	ug/L	0.00
21) 2-Butanone-d5	7.092	46	6904m	4.570	ug/L	0.01
24) Chloroform-d	7.653	84	29108	2.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	15482	2.219	ug/L	0.00
32) Benzene-d6	8.281	84	53728	2.171	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14383	2.029	ug/L	0.00
41) Toluene-d8	10.323	98	47308	1.972	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6124	1.931	ug/L	0.00
47) 2-Hexanone-d5	10.933	63	4153	3.649	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	13113	2.124	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16926	2.144	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	2198m	1.333	ug/L	
3) Chloromethane	2.215	50	12484	2.399	ug/L	100
5) Vinyl chloride	2.367	62	18373	2.283	ug/L	96
6) Bromomethane	2.782	94	10639	2.798	ug/L	97
8) Chloroethane	2.922	64	7384	2.050	ug/L	96
9) Trichlorofluoromethane	3.263	101	9522m	2.508	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	13530	2.463	ug/L #	85
12) 1,1-Dichloroethene	4.044	96	11591	2.414	ug/L	96
13) Acetone	4.153	43	6499m	6.996	ug/L	
14) Carbon disulfide	4.385	76	35852	2.248	ug/L	96
15) Methyl Acetate	4.684	43	6025m	2.957	ug/L	
16) Methylene chloride	4.922	84	19296	3.231	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	13821	2.468	ug/L	96
18) Methyl tert-butyl Ether	5.440	73	20191	2.441	ug/L #	87
19) 1,1-Dichloroethane	6.226	63	24056	2.536	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	14662	2.483	ug/L #	83
22) 2-Butanone	7.189	43	7111	5.088	ug/L	83
23) Bromochloromethane	7.513	128	7100	2.533	ug/L	89
25) Chloroform	7.683	83	26101	2.505	ug/L	97
27) 1,2-Dichloroethane	8.403	62	16063	2.379	ug/L #	92
29) Cyclohexane	7.964	56	18262	2.235	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	23013	2.605	ug/L	97
31) Carbon tetrachloride	8.067	117	20389	2.455	ug/L	98
33) Benzene	8.329	78	56185	2.556	ug/L	100
34) Trichloroethene	9.092	95	15836	2.660	ug/L	89
35) Methylcyclohexane	9.335	83	22595	2.291	ug/L	93
37) 1,2-Dichloropropane	9.372	63	13567	2.631	ug/L #	97
38) Bromodichloromethane	9.646	83	18297	2.499	ug/L #	93
39) cis-1,3-Dichloropropene	10.079	75	19045	2.323	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	14594	4.969	ug/L	100
42) Toluene	10.390	91	59747	2.442	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	16300	2.230	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	11037	2.606	ug/L	93
46) Tetrachloroethene	10.859	164	12181	2.568	ug/L	85
48) 2-Hexanone	10.975	43	7604	3.877	ug/L	94
49) Dibromochloromethane	11.128	129	12193	2.348	ug/L	95
50) 1,2-Dibromoethane	11.231	107	9993	2.411	ug/L #	97
51) Chlorobenzene	11.658	112	40213	2.485	ug/L	94
52) Ethylbenzene	11.731	91	65077	2.420	ug/L	99
53) m,p-Xylene	11.841	106	23599	2.215	ug/L	97
54) o-Xylene	12.164	106	23056	2.260	ug/L	94
55) Styrene	12.182	104	38213	2.201	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	13295	2.655	ug/L	93
59) Bromoform	12.353	173	5909	2.210	ug/L #	95
60) Isopropylbenzene	12.463	105	59236	2.337	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	9173	2.762	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	46747	2.241	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	46621	2.728	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	28546	2.482	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	31251	2.648	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	26713	2.554	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	1908	2.590	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	18158	2.391	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	13642	2.276	ug/L	98
71) Naphthalene	15.359	128	22471	1.982	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	12292	2.349	ug/L	98

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

