

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025772.D
 Acq On : 01 May 2023 11:39
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5451

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/02/2023
 Supervised By :Mahesh Dadoda 05/02/2023

Quant Time: May 02 01:06:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	634405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	570376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	20705	2.303	ug/L	0.00
7) Chloroethane-d5	2.905	69	15506	2.327	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	11156m	2.478	ug/L	0.00
21) 2-Butanone-d5	7.088	46	15255	5.133	ug/L	0.00
24) Chloroform-d	7.655	84	46264	2.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	27688	2.677	ug/L	0.00
32) Benzene-d6	8.276	84	92938	2.494	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30460	2.554	ug/L	0.00
41) Toluene-d8	10.325	98	80568	2.424	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	12004	2.483	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	9218	4.533	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23906	2.630	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	26224	2.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	18028m	2.596	ug/L	
3) Chloromethane	2.223	50	26298	2.516	ug/L	100
5) Vinyl chloride	2.369	62	28906	2.672	ug/L	99
6) Bromomethane	2.790	94	16177	2.750	ug/L	93
8) Chloroethane	2.936	64	16583	2.696	ug/L	96
9) Trichlorofluoromethane	3.265	101	20422	2.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	25283m	2.848	ug/L	
12) 1,1-Dichloroethene	4.045	96	22771	2.684	ug/L	89
13) Acetone	4.119	43	17384	6.597	ug/L	97
14) Carbon disulfide	4.387	76	78704	2.743	ug/L	97
15) Methyl Acetate	4.679	43	14308	2.755	ug/L #	89
16) Methylene chloride	4.929	84	49512	3.784	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	25423	2.747	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	37577	2.675	ug/L	98
19) 1,1-Dichloroethane	6.222	63	51966	2.733	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	26679	2.687	ug/L	99
22) 2-Butanone	7.173	43	21449	5.895	ug/L	100
23) Bromochloromethane	7.514	128	12121	2.881	ug/L	93
25) Chloroform	7.673	83	47795	2.735	ug/L	100
27) 1,2-Dichloroethane	8.398	62	34965	2.817	ug/L	98
29) Cyclohexane	7.959	56	44135	2.497	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	38430	2.755	ug/L	100
31) Carbon tetrachloride	8.069	117	34225	2.726	ug/L	99
33) Benzene	8.325	78	106763	2.706	ug/L	100
34) Trichloroethene	9.093	95	27574	2.723	ug/L	96
35) Methylcyclohexane	9.331	83	45826	2.544	ug/L	99
37) 1,2-Dichloropropane	9.368	63	29533	2.732	ug/L #	94
38) Bromodichloromethane	9.642	83	33504	2.701	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	39902	2.517	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	36647	5.208	ug/L	97
42) Toluene	10.386	91	104653	2.595	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	32463	2.471	ug/L	94

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

45) 1,1,2-Trichloroethane	10.788	97	20303	2.807	ug/L	98
46) Tetrachloroethene	10.855	164	19498	2.737	ug/L	86
48) 2-Hexanone	10.971	43	25863	5.045	ug/L	98
49) Dibromochloromethane	11.130	129	20352	2.718	ug/L	98
50) 1,2-Dibromoethane	11.233	107	18119	2.718	ug/L #	96
51) Chlorobenzene	11.654	112	68136	2.728	ug/L	99
52) Ethylbenzene	11.727	91	114260	2.519	ug/L	100
53) m,p-Xylene	11.837	106	42666	2.556	ug/L	95
54) o-Xylene	12.166	106	38756	2.463	ug/L	92
55) Styrene	12.178	104	64935	2.411	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	25460	2.821	ug/L #	98
59) Bromoform	12.349	173	10764	2.577	ug/L	97
60) Isopropylbenzene	12.465	105	105329	2.458	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	19533	2.931	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	78043	2.299	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	72500	2.314	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	50456	2.735	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	51448	2.760	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	44786	2.722	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.483	75	4901	3.172	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	33649	2.748	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	27434	2.674	ug/L	96
71) Naphthalene	15.360	128	47708	2.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25128	2.760	ug/L	96

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

