

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025773.D
 Acq On : 01 May 2023 12:03
 Operator : SY/MD
 Sample : VSTD00552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

Manual Integrations
 APPROVED

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

Quant Time: May 02 01:06:34 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	691319	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40145	4.098	ug/L	0.00
7) Chloroethane-d5	2.893	69	32999	4.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	22265	4.539	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31388	9.692	ug/L	0.00
24) Chloroform-d	7.648	84	100977	5.065	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	58049	5.150	ug/L	0.00
32) Benzene-d6	8.276	84	202837	5.076	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	65904	5.155	ug/L	0.00
41) Toluene-d8	10.325	98	180327	5.061	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	25382	4.898	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	19742	9.055	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	49851	5.116	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	58526	5.216	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	33029m	4.364	ug/L	
3) Chloromethane	2.216	50	52203	4.584	ug/L	96
5) Vinyl chloride	2.375	62	55970	4.748	ug/L	97
6) Bromomethane	2.783	94	31183	4.864	ug/L	99
8) Chloroethane	2.930	64	31901	4.760	ug/L	95
9) Trichlorofluoromethane	3.265	101	39046	4.389	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	42833	4.427	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	44699	4.835	ug/L	99
13) Acetone	4.118	43	28957	10.084	ug/L	97
14) Carbon disulfide	4.387	76	152541	4.879	ug/L	100
15) Methyl Acetate	4.673	43	27689	4.893	ug/L	95
16) Methylene chloride	4.917	84	87270	6.121	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	49466	4.904	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	73265	4.786	ug/L #	86
19) 1,1-Dichloroethane	6.216	63	103905	5.014	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	51913	4.797	ug/L	96
22) 2-Butanone	7.173	43	36039	9.089	ug/L	99
23) Bromochloromethane	7.520	128	23127	5.045	ug/L	93
25) Chloroform	7.679	83	95488	5.013	ug/L	99
27) 1,2-Dichloroethane	8.398	62	67897	5.020	ug/L	98
29) Cyclohexane	7.953	56	89832	4.740	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	75164	5.026	ug/L	98
31) Carbon tetrachloride	8.069	117	67284	4.999	ug/L	98
33) Benzene	8.325	78	218129	5.155	ug/L	100
34) Trichloroethene	9.093	95	55713	5.132	ug/L	97
35) Methylcyclohexane	9.337	83	95481	4.945	ug/L	99
37) 1,2-Dichloropropane	9.367	63	59723	5.152	ug/L	99
38) Bromodichloromethane	9.642	83	66947	5.034	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	82200	4.835	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	68972	9.141	ug/L	99
42) Toluene	10.386	91	220971	5.111	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	67295	4.778	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	39586	5.105	ug/L	97
46) Tetrachloroethene	10.861	164	38904	5.093	ug/L	95
48) 2-Hexanone	10.965	43	48016	8.735	ug/L	97
49) Dibromochloromethane	11.129	129	38127	4.749	ug/L	94
50) 1,2-Dibromoethane	11.233	107	35463	4.961	ug/L #	94
51) Chlorobenzene	11.660	112	137921	5.150	ug/L	97
52) Ethylbenzene	11.727	91	244337	5.024	ug/L	99
53) m,p-Xylene	11.836	106	87351	4.880	ug/L	96
54) o-Xylene	12.166	106	83841	4.970	ug/L	93
55) Styrene	12.178	104	144394	5.001	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	48756	5.039	ug/L	95
59) Bromoform	12.349	173	22636	4.965	ug/L	98
60) Isopropylbenzene	12.464	105	231265	4.943	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	36322	4.993	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	173752	4.689	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	162130	4.741	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	103188	5.123	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	105091	5.165	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	90857	5.058	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	8329	4.938	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	67414	5.042	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	53786	4.802	ug/L	96
71) Naphthalene	15.360	128	92100	4.357	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	49182	4.949	ug/L	99

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

