

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026516.D
 Acq On : 03 Jul 2023 19:32
 Operator : SY/MD
 Sample : VSTD2.503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5403

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 02:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 02:35:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	667254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	598317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	19344	1.928	ug/L	0.00
7) Chloroethane-d5	2.893	69	17501	2.108	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10710	2.289	ug/L	0.00
21) 2-Butanone-d5	7.094	46	20636m	5.371	ug/L	0.02
24) Chloroform-d	7.648	84	48299	2.457	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	28965	2.533	ug/L	0.00
32) Benzene-d6	8.276	84	96907	2.540	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	32000	2.631	ug/L	0.00
41) Toluene-d8	10.325	98	88438	2.582	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	12366	2.507	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	10840	4.476	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	26155	2.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	28081	2.509	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17286m	2.273	ug/L	
3) Chloromethane	2.216	50	26960	2.192	ug/L	97
5) Vinyl chloride	2.375	62	25885	2.137	ug/L	90
6) Bromomethane	2.783	94	16460	2.328	ug/L	100
8) Chloroethane	2.924	64	14878	1.982	ug/L	100
9) Trichlorofluoromethane	3.259	101	16698	2.145	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	23558m	2.588	ug/L	
12) 1,1-Dichloroethene	4.051	96	20782	2.468	ug/L	82
13) Acetone	4.125	43	15197	6.384	ug/L	81
14) Carbon disulfide	4.393	76	67978	2.543	ug/L	98
15) Methyl Acetate	4.673	43	14562	2.459	ug/L	92
16) Methylene chloride	4.917	84	43318m	3.613	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	23095	2.437	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	39482	2.383	ug/L	93
19) 1,1-Dichloroethane	6.210	63	50046	2.453	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	26219	2.412	ug/L	95
22) 2-Butanone	7.179	43	25676	5.795	ug/L	95
23) Bromochloromethane	7.514	128	11402	2.533	ug/L	75
25) Chloroform	7.673	83	46692	2.553	ug/L	99
27) 1,2-Dichloroethane	8.398	62	34532	2.563	ug/L	97
29) Cyclohexane	7.959	56	40158	2.409	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	35050	2.604	ug/L	99
31) Carbon tetrachloride	8.069	117	30604	2.522	ug/L	96
33) Benzene	8.325	78	102223	2.638	ug/L	100
34) Trichloroethene	9.087	95	26488	2.680	ug/L	93
35) Methylcyclohexane	9.337	83	41876	2.481	ug/L	97
37) 1,2-Dichloropropane	9.368	63	27547	2.595	ug/L	98
38) Bromodichloromethane	9.642	83	31705	2.531	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	36918	2.359	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	39194	4.771	ug/L	98
42) Toluene	10.386	91	102986	2.611	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	31507	2.402	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	19351	2.480	ug/L	97
46) Tetrachloroethene	10.861	164	17817	2.569	ug/L	93
48) 2-Hexanone	10.971	43	24799	4.330	ug/L	99
49) Dibromochloromethane	11.123	129	19072	2.439	ug/L	97
50) 1,2-Dibromoethane	11.233	107	17608	2.460	ug/L	100
51) Chlorobenzene	11.654	112	65911	2.557	ug/L	97
52) Ethylbenzene	11.727	91	111478	2.394	ug/L	98
53) m,p-Xylene	11.837	106	41829	2.456	ug/L	98
54) o-Xylene	12.166	106	38515	2.334	ug/L	99
55) Styrene	12.178	104	65306	2.314	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	24900	2.437	ug/L	96
59) Bromoform	12.343	173	10284	2.326	ug/L	99
60) Isopropylbenzene	12.459	105	105491	2.441	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	18707	2.548	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	81356	2.283	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	76085	2.219	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	47629	2.590	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	49505	2.700	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	42138	2.432	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	4976	2.687	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	31774	2.598	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	27121	2.718	ug/L	95
71) Naphthalene	15.360	128	54025	2.419	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	25525	2.863	ug/L	96

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

