

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025719.D
 Acq On : 27 Apr 2023 10:22
 Operator : SY/MD
 Sample : VSTD00548
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	611412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	541397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	259538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	37276	4.998	ug/L	0.00
7) Chloroethane-d5	2.899	69	26799	5.020	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	86251	5.066	ug/L	0.00
21) 2-Butanone-d5	7.087	46	28495	11.645	ug/L	0.01
24) Chloroform-d	7.648	84	84795	5.170	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	48744	5.451	ug/L	0.00
32) Benzene-d6	8.276	84	169296	5.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	55883	5.257	ug/L	0.00
41) Toluene-d8	10.325	98	145053	4.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	21419	5.170	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18650	11.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45676	5.829	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	47942	5.392	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	36342m	4.832	ug/L	
3) Chloromethane	2.222	50	49246	4.815	ug/L	97
5) Vinyl chloride	2.375	62	54710	5.088	ug/L	97
6) Bromomethane	2.783	94	28037	4.928	ug/L	98
8) Chloroethane	2.930	64	26764	4.886	ug/L	99
9) Trichlorofluoromethane	3.265	101	38253	4.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	41951	4.988	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	42012	5.101	ug/L	87
13) Acetone	4.131	43	30921	13.554	ug/L	99
14) Carbon disulfide	4.387	76	145238	5.020	ug/L	99
15) Methyl Acetate	4.667	43	29604	6.558	ug/L	98
16) Methylene chloride	4.911	84	76719m	6.682	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	43734	5.024	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	68807	5.492	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	92145	5.193	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	46056	5.043	ug/L #	92
22) 2-Butanone	7.179	43	36733	12.700	ug/L	95
23) Bromochloromethane	7.514	128	20253	5.341	ug/L	98
25) Chloroform	7.679	83	84995	5.216	ug/L	100
27) 1,2-Dichloroethane	8.398	62	61882	5.543	ug/L	98
29) Cyclohexane	7.953	56	81720	4.852	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	69469	5.286	ug/L	98
31) Carbon tetrachloride	8.069	117	62125	5.195	ug/L	98
33) Benzene	8.325	78	191560	5.185	ug/L	100
34) Trichloroethene	9.093	95	50355	5.276	ug/L	96
35) Methylcyclohexane	9.337	83	83416	4.918	ug/L	97
37) 1,2-Dichloropropane	9.367	63	52444	5.266	ug/L	99
38) Bromodichloromethane	9.642	83	59604	5.294	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	71792	5.034	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	72955	12.145	ug/L	97
42) Toluene	10.386	91	196965	5.225	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	61437	5.243	ug/L	96

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

45) 1,1,2-Trichloroethane	10.788	97	36664	5.681	ug/L	97
46) Tetrachloroethene	10.861	164	34877	5.160	ug/L	93
48) 2-Hexanone	10.965	43	52867	12.497	ug/L	94
49) Dibromochloromethane	11.129	129	35716	5.343	ug/L	98
50) 1,2-Dibromoethane	11.233	107	33136	5.597	ug/L #	97
51) Chlorobenzene	11.654	112	122156	5.266	ug/L	100
52) Ethylbenzene	11.727	91	212904	5.037	ug/L	100
53) m,p-Xylene	11.837	106	78990	5.062	ug/L	95
54) o-Xylene	12.166	106	73819	5.073	ug/L	93
55) Styrene	12.178	104	126849	5.143	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	47188	5.971	ug/L #	96
59) Bromoform	12.349	173	21309	5.926	ug/L	100
60) Isopropylbenzene	12.464	105	205603	5.158	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	34900	6.183	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	156420	4.991	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	141874	5.011	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	92243	5.483	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	96586	5.663	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	81327	5.480	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8171	6.351	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	60238	5.504	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	52052	5.570	ug/L	97
71) Naphthalene	15.360	128	94194	5.643	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	50071	6.070	ug/L	97

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

