

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027635.D
 Acq On : 15 Dec 2023 14:23
 Operator : SY/MD
 Sample : VSTD2.578
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5478

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2023
 Supervised By :Semsettin Yesilyurt 12/17/2023

Quant Time: Dec 15 23:33:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	393082	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	340959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	163959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	14137	2.533	ug/L	0.00
7) Chloroethane-d5	2.899	69	10903	2.506	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	5605	2.493	ug/L	0.00
21) 2-Butanone-d5	7.094	46	4175m	4.315	ug/L	0.00
24) Chloroform-d	7.648	84	22931	2.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	10754	2.438	ug/L	0.00
32) Benzene-d6	8.270	84	49403	2.471	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	13967	2.460	ug/L	0.00
41) Toluene-d8	10.319	98	44498	2.385	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	4676	2.120	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3255	3.926	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9755	2.275	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	15011	2.594	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	10455m	2.375	ug/L	
3) Chloromethane	2.223	50	12628	2.327	ug/L	94
5) Vinyl chloride	2.375	62	15361	2.380	ug/L	99
6) Bromomethane	2.790	94	9848	2.389	ug/L	95
8) Chloroethane	2.936	64	9283	2.415	ug/L	95
9) Trichlorofluoromethane	3.271	101	12051	2.020	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	12209m	2.494	ug/L	
12) 1,1-Dichloroethene	4.039	96	11236	2.301	ug/L	86
13) Acetone	4.143	43	4255	4.816	ug/L	67
14) Carbon disulfide	4.387	76	37104	2.258	ug/L	98
15) Methyl Acetate	4.686	43	3496m	2.196	ug/L	
16) Methylene chloride	4.917	84	21140	3.330	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	11923	2.299	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	15579	2.281	ug/L	98
19) 1,1-Dichloroethane	6.222	63	20606	2.343	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	12462	2.296	ug/L	96
22) 2-Butanone	7.185	43	5673	4.967	ug/L	85
23) Bromochloromethane	7.514	128	5122	2.229	ug/L	82
25) Chloroform	7.679	83	20305	2.342	ug/L	98
27) 1,2-Dichloroethane	8.398	62	11766	2.314	ug/L	95
29) Cyclohexane	7.959	56	18526	2.263	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	16829	2.327	ug/L	98
31) Carbon tetrachloride	8.069	117	14848	2.347	ug/L	99
33) Benzene	8.325	78	47481	2.366	ug/L	100
34) Trichloroethene	9.093	95	13167	2.424	ug/L	94
35) Methylcyclohexane	9.331	83	22643	2.302	ug/L	98
37) 1,2-Dichloropropane	9.368	63	11546	2.398	ug/L	# 96
38) Bromodichloromethane	9.642	83	13959	2.394	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	15916	2.161	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	9077	4.324	ug/L	96
42) Toluene	10.386	91	49819	2.311	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11947	2.052	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	8422	2.359	ug/L	98
46) Tetrachloroethene	10.855	164	10513	2.412	ug/L	87
48) 2-Hexanone	10.971	43	6854	4.436	ug/L	94
49) Dibromochloromethane	11.129	129	8262	2.227	ug/L	89
50) 1,2-Dibromoethane	11.233	107	7826	2.301	ug/L #	87
51) Chlorobenzene	11.654	112	33026	2.396	ug/L	94
52) Ethylbenzene	11.727	91	54733	2.250	ug/L	96
53) m,p-Xylene	11.837	106	21012	2.243	ug/L	93
54) o-Xylene	12.160	106	19514	2.248	ug/L	98
55) Styrene	12.178	104	31730	2.169	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	9181	2.253	ug/L	95
59) Bromoform	12.349	173	4316	2.137	ug/L	98
60) Isopropylbenzene	12.459	105	53771	2.293	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6508	2.365	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	42530	2.287	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	42049	2.294	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	24739	2.468	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	25292	2.498	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	20960	2.368	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	1233	2.258	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	16938	2.407	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	14309	2.524	ug/L	93
71) Naphthalene	15.360	128	21886	2.157	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	11310	2.349	ug/L	94

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

Manual Integrations

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