

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027558.D
 Acq On : 06 Dec 2023 10:24
 Operator : SY/MD
 Sample : VSTD02574
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025474

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

Quant Time: Dec 07 06:36:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:34:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	183951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	153500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87853	25.823	ug/L	0.00
7) Chloroethane-d5	2.899	69	64715	27.353	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	37605	25.654	ug/L	0.00
21) 2-Butanone-d5	7.081	46	27615	40.046	ug/L	0.00
24) Chloroform-d	7.654	84	126168	23.757	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	53169	20.469	ug/L	0.00
32) Benzene-d6	8.276	84	264349	25.665	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	72273	23.260	ug/L	0.00
41) Toluene-d8	10.325	98	231415	25.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	23850	20.704	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	15455	34.935	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45929	22.367	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	59119	21.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	65037	30.043	ug/L	100
3) Chloromethane	2.222	50	73326	26.168	ug/L	100
5) Vinyl chloride	2.369	62	91021	28.089	ug/L	100
6) Bromomethane	2.795	94	44691	25.699	ug/L	100
8) Chloroethane	2.930	64	50904	27.837	ug/L	100
9) Trichlorofluoromethane	3.277	101	97191	36.419	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	78416	30.106	ug/L	100
12) 1,1-Dichloroethene	4.045	96	67579	27.022	ug/L	100
13) Acetone	4.118	43	28390	39.210	ug/L	100
14) Carbon disulfide	4.393	76	189753	22.905	ug/L	100
15) Methyl Acetate	4.673	43	23685m	20.641	ug/L	100
16) Methylene chloride	4.923	84	59266	19.970	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	66608	25.455	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	89882	23.584	ug/L	100
19) 1,1-Dichloroethane	6.222	63	134861	25.836	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	67067	24.097	ug/L	100
22) 2-Butanone	7.173	43	33509	36.175	ug/L	100
23) Bromochloromethane	7.520	128	23275	20.739	ug/L	100
25) Chloroform	7.679	83	119756	24.933	ug/L	100
27) 1,2-Dichloroethane	8.404	62	64694	21.216	ug/L	100
29) Cyclohexane	7.959	56	138669	28.503	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	119914	31.041	ug/L	100
31) Carbon tetrachloride	8.075	117	103980	30.839	ug/L	100
33) Benzene	8.325	78	281912	26.998	ug/L	100
34) Trichloroethene	9.093	95	76689	28.052	ug/L	100
35) Methylcyclohexane	9.337	83	144190	28.929	ug/L	100
37) 1,2-Dichloropropane	9.367	63	68327	25.295	ug/L	100
38) Bromodichloromethane	9.642	83	76316	25.029	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	92819	23.703	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	59583	41.647	ug/L	100
42) Toluene	10.386	91	292400	27.004	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	69869	22.558	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	40032	23.243	ug/L	100
46) Tetrachloroethene	10.855	164	53915	27.549	ug/L	100
48) 2-Hexanone	10.965	43	36714	34.097	ug/L	100
49) Dibromochloromethane	11.129	129	41309	23.703	ug/L	100
50) 1,2-Dibromoethane	11.233	107	33615	21.268	ug/L	100
51) Chlorobenzene	11.654	112	165962	25.259	ug/L	100
52) Ethylbenzene	11.727	91	333021	26.966	ug/L	100
53) m,p-Xylene	11.837	106	121839	26.921	ug/L	100
54) o-Xylene	12.166	106	107729	25.406	ug/L	100
55) Styrene	12.178	104	183758	25.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	46843	23.356	ug/L	100
59) Bromoform	12.349	173	20624	22.131	ug/L	100
60) Isopropylbenzene	12.458	105	346559	27.817	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	32699	22.083	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	243859	26.139	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	238157	25.126	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	115293	23.667	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	114766	23.494	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	101002	23.682	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	6971	21.041	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	78209	24.734	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	55188	22.150	ug/L	100
71) Naphthalene	15.360	128	89801	19.842	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43468	21.060	ug/L	100

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

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