

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028177.D
 Acq On : 14 Mar 2024 13:39
 Operator : SY/MD
 Sample : VSTD00523
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005423

Quant Time: Mar 15 01:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2024
 Supervised By :Mahesh Dadoda 03/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	192572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	9818	4.357	ug/L	0.00
7) Chloroethane-d5	2.899	69	7134m	4.581	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6410m	4.555	ug/L	0.00
21) 2-Butanone-d5	7.087	46	5612m	8.644	ug/L	0.01
24) Chloroform-d	7.648	84	23919	4.212	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	13399	4.282	ug/L	0.00
32) Benzene-d6	8.276	84	44682	4.091	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	12942	4.117	ug/L	0.00
41) Toluene-d8	10.318	98	41612	4.130	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5409	3.789	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3902m	7.602	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9761	4.204	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	13787	4.065	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	14962	5.551	ug/L	99
3) Chloromethane	2.216	50	10208	5.152	ug/L	99
5) Vinyl chloride	2.369	62	12264	5.476	ug/L	92
6) Bromomethane	2.783	94	7150	5.361	ug/L	80
8) Chloroethane	2.930	64	6382	5.302	ug/L	99
9) Trichlorofluoromethane	3.265	101	12680	4.683	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	14980m	5.784	ug/L	
12) 1,1-Dichloroethene	4.045	96	13173	5.265	ug/L	84
13) Acetone	4.131	43	7846m	11.143	ug/L	
14) Carbon disulfide	4.393	76	42955	5.538	ug/L	98
15) Methyl Acetate	4.667	43	6954m	6.204	ug/L	
16) Methylene chloride	4.917	84	18136	6.177	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	14078	5.327	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	22169	5.560	ug/L #	81
19) 1,1-Dichloroethane	6.216	63	28507	5.572	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	15276	5.351	ug/L	94
22) 2-Butanone	7.173	43	9288	11.496	ug/L	99
23) Bromochloromethane	7.514	128	7095	5.623	ug/L	91
25) Chloroform	7.679	83	28638	5.437	ug/L	98
27) 1,2-Dichloroethane	8.398	62	20894	5.618	ug/L	98
29) Cyclohexane	7.959	56	24705	5.293	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	24896	5.309	ug/L	100
31) Carbon tetrachloride	8.069	117	23598	5.364	ug/L	98
33) Benzene	8.325	78	59937	5.444	ug/L	100
34) Trichloroethene	9.093	95	16358	5.326	ug/L	98
35) Methylcyclohexane	9.337	83	27362	5.270	ug/L	99
37) 1,2-Dichloropropane	9.361	63	15458	5.490	ug/L #	96
38) Bromodichloromethane	9.642	83	20689	5.449	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	22970	5.094	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	17032	10.958	ug/L	98
42) Toluene	10.386	91	65558	5.456	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	19658	5.163	ug/L	92

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

45) 1,1,2-Trichloroethane	10.782	97	10908	5.361	ug/L	97
46) Tetrachloroethene	10.861	164	13668	5.521	ug/L	96
48) 2-Hexanone	10.965	43	12857	10.560	ug/L	97
49) Dibromochloromethane	11.123	129	12412	5.151	ug/L	97
50) 1,2-Dibromoethane	11.233	107	10925	5.616	ug/L	93
51) Chlorobenzene	11.654	112	41909	5.495	ug/L	97
52) Ethylbenzene	11.727	91	73617	5.249	ug/L	97
53) m,p-Xylene	11.836	106	28095	5.323	ug/L	99
54) o-Xylene	12.160	106	25335	5.176	ug/L	94
55) Styrene	12.178	104	44600	5.305	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	13032	5.600	ug/L	99
59) Bromoform	12.349	173	7408	5.310	ug/L	98
60) Isopropylbenzene	12.458	105	72236	5.222	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	10024	5.641	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	48134	5.186	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	59253	5.287	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	33348	5.404	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	34462	5.584	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	28450	5.353	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	2390	5.726	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	23138	5.382	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	20130	5.512	ug/L	98
71) Naphthalene	15.360	128	33803	5.393	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	16981	5.640	ug/L	97

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

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