

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028082.D
 Acq On : 29 Feb 2024 10:27
 Operator : SY/MD
 Sample : VSTD2.516
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5416

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261691	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	8231	2.635	ug/L	0.00
7) Chloroethane-d5	2.899	69	6199	2.562	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	3121	2.446	ug/L	0.00
21) 2-Butanone-d5	7.099	46	1878m	4.214	ug/L	0.02
24) Chloroform-d	7.648	84	13501	2.436	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	6221	2.412	ug/L	0.00
32) Benzene-d6	8.276	84	26744	2.400	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	6974	2.422	ug/L	0.00
41) Toluene-d8	10.324	98	24765	2.358	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	2669	2.115	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	1326	3.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	4941	2.174	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	8858	2.555	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	6910	2.596	ug/L	95
3) Chloromethane	2.222	50	6108	2.403	ug/L	98
5) Vinyl chloride	2.375	62	9132	2.578	ug/L	100
6) Bromomethane	2.789	94	7519	2.660	ug/L	85
8) Chloroethane	2.942	64	5729	2.575	ug/L	93
9) Trichlorofluoromethane	3.277	101	8232	2.491	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9185	2.674	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	8410	2.585	ug/L	90
13) Acetone	4.130	43	2551m	4.123	ug/L	
14) Carbon disulfide	4.393	76	25408	2.564	ug/L	98
15) Methyl Acetate	4.679	43	1961m	2.227	ug/L	
16) Methylene chloride	4.917	84	10358	2.877	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	8872	2.552	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	10261	2.410	ug/L #	93
19) 1,1-Dichloroethane	6.221	63	14327	2.607	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	8903	2.434	ug/L	89
22) 2-Butanone	7.173	43	2691	3.868	ug/L	73
23) Bromochloromethane	7.514	128	4412	2.569	ug/L	81
25) Chloroform	7.679	83	16435	2.677	ug/L	96
27) 1,2-Dichloroethane	8.404	62	9459	2.591	ug/L	100
29) Cyclohexane	7.953	56	11020	2.401	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	13815	2.592	ug/L	99
31) Carbon tetrachloride	8.075	117	12978	2.607	ug/L	97
33) Benzene	8.325	78	32442	2.516	ug/L	100
34) Trichloroethene	9.087	95	10025	2.653	ug/L	93
35) Methylcyclohexane	9.331	83	15363	2.512	ug/L	96
37) 1,2-Dichloropropane	9.367	63	7532	2.508	ug/L	99
38) Bromodichloromethane	9.648	83	11035	2.544	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	11722	2.373	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	5165	4.330	ug/L	97
42) Toluene	10.385	91	36479	2.503	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	8737	2.178	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	6331	2.514	ug/L	93
46) Tetrachloroethene	10.861	164	8279	2.614	ug/L	89
48) 2-Hexanone	10.971	43	3647	3.781	ug/L	97
49) Dibromochloromethane	11.129	129	6847	2.338	ug/L	99
50) 1,2-Dibromoethane	11.233	107	5844	2.409	ug/L	98
51) Chlorobenzene	11.653	112	25322	2.604	ug/L	93
52) Ethylbenzene	11.727	91	41264	2.477	ug/L	95
53) m,p-Xylene	11.836	106	15673	2.425	ug/L	91
54) o-Xylene	12.166	106	14717	2.406	ug/L	90
55) Styrene	12.178	104	24100	2.310	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	6617	2.436	ug/L	96
59) Bromoform	12.348	173	3828	2.316	ug/L #	95
60) Isopropylbenzene	12.458	105	40379	2.524	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	4535	2.530	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	25150	2.398	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	28894	2.310	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	20132	2.723	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	19229	2.576	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	17574	2.639	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	919m	2.441	ug/L	
69) 1,3,5-Trichlorobenzene	14.622	180	14569	2.670	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	11068	2.526	ug/L	96
71) Naphthalene	15.360	128	15667	2.186	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	9292	2.536	ug/L	95

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

