

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030471.D
 Acq On : 09 Oct 2024 13:48
 Operator : SY/MD
 Sample : VSTD2.509
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5409

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	356470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	16569	2.957	ug/L	0.00
7) Chloroethane-d5	2.899	69	11020	2.598	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6488	2.784	ug/L	0.00
21) 2-Butanone-d5	7.100	46	5852m	5.796	ug/L	0.02
24) Chloroform-d	7.654	84	25775	2.528	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	13720	2.588	ug/L	0.00
32) Benzene-d6	8.276	84	46808	2.491	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13732	2.490	ug/L	0.00
41) Toluene-d8	10.325	98	38811	2.262	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	5281	2.287	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3060	4.307	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10521	2.597	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	12944	2.439	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	11869	2.606	ug/L #	70
3) Chloromethane	2.223	50	14322	2.706	ug/L	88
5) Vinyl chloride	2.369	62	18049	2.773	ug/L	98
6) Bromomethane	2.796	94	11440	2.670	ug/L	92
8) Chloroethane	2.930	64	10791	2.712	ug/L	94
9) Trichlorofluoromethane	3.271	101	14605	2.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	14562m	2.973	ug/L	
12) 1,1-Dichloroethene	4.045	96	11752	2.457	ug/L	99
13) Acetone	4.125	43	7164	4.937	ug/L	99
14) Carbon disulfide	4.387	76	40851	2.616	ug/L	100
15) Methyl Acetate	4.673	43	4955m	2.680	ug/L	
16) Methylene chloride	4.917	84	16408	3.045	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	12985	2.516	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	17480	2.420	ug/L #	85
19) 1,1-Dichloroethane	6.216	63	24653	2.570	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	13319	2.420	ug/L	93
22) 2-Butanone	7.173	43	7570	5.024	ug/L	99
23) Bromochloromethane	7.526	128	6181m	2.567	ug/L	
25) Chloroform	7.673	83	27023	2.636	ug/L	95
27) 1,2-Dichloroethane	8.404	62	18112	2.678	ug/L	100
29) Cyclohexane	7.953	56	17850	2.265	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	23017	2.678	ug/L	99
31) Carbon tetrachloride	8.069	117	19725	2.569	ug/L	99
33) Benzene	8.325	78	52919	2.512	ug/L	100
34) Trichloroethene	9.093	95	15235	2.599	ug/L	95
35) Methylcyclohexane	9.337	83	21611	2.343	ug/L	94
37) 1,2-Dichloropropane	9.368	63	13411	2.545	ug/L #	92
38) Bromodichloromethane	9.642	83	17873	2.553	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	18063	2.276	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	12074	4.776	ug/L	98
42) Toluene	10.386	91	52876	2.352	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	15318	2.296	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	9957	2.618	ug/L	97
46) Tetrachloroethene	10.867	164	10903	2.522	ug/L	98
48) 2-Hexanone	10.965	43	8576	4.148	ug/L	94
49) Dibromochloromethane	11.123	129	11250	2.651	ug/L	89
50) 1,2-Dibromoethane	11.233	107	8974	2.529	ug/L #	96
51) Chlorobenzene	11.654	112	38184	2.639	ug/L	98
52) Ethylbenzene	11.727	91	60549	2.361	ug/L	98
53) m,p-Xylene	11.837	106	21865	2.275	ug/L	94
54) o-Xylene	12.160	106	19908	2.241	ug/L	99
55) Styrene	12.178	104	32789	2.159	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	11733	2.736	ug/L #	98
59) Bromoform	12.343	173	5698	2.586	ug/L	98
60) Isopropylbenzene	12.458	105	54052	2.225	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	8623	2.825	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	39591	2.066	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	39884	2.126	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	27586	2.609	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	28868	2.644	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	24420	2.625	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	2108	3.097	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	18223	2.614	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	14646	2.609	ug/L	95
71) Naphthalene	15.360	128	22382	2.308	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	12473	2.563	ug/L	99

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

