

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102124\
 Data File : VW030676.D
 Acq On : 21 Oct 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 19 00:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	73067	17.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.960%
7) Chloroethane-d5	2.899	69	69401	22.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	4.021	65	31142m	18.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.720%
21) 2-Butanone-d5	7.075	46	38399	51.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
24) Chloroform-d	7.648	84	176173	23.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.301	65	91041	23.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.480%
32) Benzene-d6	8.270	84	308017	20.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.270	67	95973	21.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.319	98	280114	20.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	10.575	79	38647	21.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.480%
47) 2-Hexanone-d5	10.922	63	29957	53.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83691	26.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	90961	20.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68621	20.502	ug/L #	83
3) Chloromethane	2.222	50	101672	26.136	ug/L	97
5) Vinyl chloride	2.375	62	126036	26.346	ug/L	97
6) Bromomethane	2.789	94	88869	28.224	ug/L	95
8) Chloroethane	2.936	64	82823	28.321	ug/L	99
9) Trichlorofluoromethane	3.265	101	105000	24.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100973	26.219	ug/L	94
12) 1,1-Dichloroethene	4.039	96	87953	25.024	ug/L	97
13) Acetone	4.125	43	61959	57.110	ug/L	97
14) Carbon disulfide	4.387	76	262038	22.831	ug/L	100
15) Methyl Acetate	4.673	43	38804	28.955	ug/L	100
16) Methylene chloride	4.917	84	99057	25.012	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	100864	26.595	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149639	28.192	ug/L	99
19) 1,1-Dichloroethane	6.210	63	199382	28.286	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	110822	27.396	ug/L	88
22) 2-Butanone	7.167	43	67760	57.942	ug/L	97
23) Bromochloromethane	7.514	128	48739	27.541	ug/L	90
25) Chloroform	7.673	83	216036	28.680	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137727	27.715	ug/L	99
29) Cyclohexane	7.959	56	158819	25.428	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	171671	25.204	ug/L	99
31) Carbon tetrachloride	8.069	117	154879	25.459	ug/L	98
33) Benzene	8.325	78	437194	26.184	ug/L	100
34) Trichloroethene	9.087	95	116817	25.148	ug/L	94
35) Methylcyclohexane	9.331	83	181397	24.813	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112037	26.866	ug/L	100
38) Bromodichloromethane	9.642	83	149730	26.987	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	169589	26.961	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	118786	59.292	ug/L	99
42) Toluene	10.386	91	474678	26.647	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	144982	27.429	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	80306	26.645	ug/L	96
46) Tetrachloroethene	10.855	164	81595	23.816	ug/L	96
48) 2-Hexanone	10.965	43	100822	61.539	ug/L	99
49) Dibromochloromethane	11.123	129	90995	27.058	ug/L	86
50) 1,2-Dibromoethane	11.233	107	74977	26.660	ug/L	90
51) Chlorobenzene	11.654	112	291484	25.419	ug/L	99
52) Ethylbenzene	11.727	91	549106	27.015	ug/L	99
53) m,p-Xylene	11.837	106	199163	26.154	ug/L	95
54) o-Xylene	12.160	106	188206	26.733	ug/L	92
55) Styrene	12.178	104	337498	28.042	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	95641	28.140	ug/L	95
59) Bromoform	12.349	173	50673	27.211	ug/L	99
60) Isopropylbenzene	12.458	105	539456	26.282	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68182	26.436	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	433378	26.762	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	422532	26.649	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	224657	25.145	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	219810	23.827	ug/L	85
67) 1,2-Dichlorobenzene	13.867	146	204251	25.979	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	14462	25.147	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	149154	25.316	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	120223	25.347	ug/L	97
71) Naphthalene	15.360	128	218325	26.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105951	25.767	ug/L	99

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

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