

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111224\
 Data File : VW031003.D
 Acq On : 12 Nov 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/13/2024
 Supervised By :Semsettin Yesilyurt 11/13/2024

Quant Time: Nov 13 00:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 00:25:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	385537	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	362523	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186142	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	106684	16.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.480%		
7) Chloroethane-d5	2.899	69	91782	18.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.720%		
11) 1,1-Dichloroethene-d2	4.021	65	52598	20.159	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.640%		
21) 2-Butanone-d5	7.075	46	63971	61.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.960%		
24) Chloroform-d	7.648	84	288647	25.396	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.600%		
26) 1,2-Dichloroethane-d4	8.307	65	143644	25.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.680%		
32) Benzene-d6	8.270	84	562037	24.955	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.840%		
36) 1,2-Dichloropropane-d6	9.270	67	167585	25.242	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.960%		
41) Toluene-d8	10.319	98	506765	25.086	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.360%		
43) trans-1,3-Dichloroprop...	10.575	79	67258	24.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.960%		
47) 2-Hexanone-d5	10.922	63	58219	67.661	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	135.320%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	137446	29.714	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	118.840%		
66) 1,2-Dichlorobenzene-d4	13.849	152	176142	25.978	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	90517	22.041	ug/L	97
3) Chloromethane	2.223	50	103366	18.680	ug/L	99
5) Vinyl chloride	2.381	62	122580	18.691	ug/L	95
6) Bromomethane	2.790	94	85260	19.800	ug/L	100
8) Chloroethane	2.936	64	80869	20.341	ug/L	95
9) Trichlorofluoromethane	3.271	101	129754	21.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	135597m	24.610	ug/L	
12) 1,1-Dichloroethene	4.039	96	121424	24.366	ug/L	96
13) Acetone	4.119	43	57402	45.167	ug/L	96
14) Carbon disulfide	4.387	76	357858	21.845	ug/L	99
15) Methyl Acetate	4.673	43	51620	27.691	ug/L	98
16) Methylene chloride	4.917	84	139466	25.588	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	136403	24.951	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	212000	28.731	ug/L	99
19) 1,1-Dichloroethane	6.222	63	251617	24.664	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	150514	25.952	ug/L	97
22) 2-Butanone	7.173	43	73274	51.484	ug/L	98
23) Bromochloromethane	7.514	128	70408	27.721	ug/L	91
25) Chloroform	7.679	83	271140	25.260	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165000	24.682	ug/L	96
29) Cyclohexane	7.959	56	206450	23.764	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	216143	23.210	ug/L	98
31) Carbon tetrachloride	8.069	117	198678	23.743	ug/L	99
33) Benzene	8.319	78	588563	25.188	ug/L	100
34) Trichloroethene	9.093	95	153601	23.839	ug/L	91
35) Methylcyclohexane	9.331	83	247558	24.241	ug/L	96
37) 1,2-Dichloropropane	9.368	63	150360	25.748	ug/L	98
38) Bromodichloromethane	9.642	83	193617	25.247	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	224073	25.650	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	149393	55.940	ug/L	96
42) Toluene	10.386	91	632357	25.556	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	185134	25.510	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	113584	27.098	ug/L	96
46) Tetrachloroethene	10.861	164	123250	25.021	ug/L	94
48) 2-Hexanone	10.965	43	109953	54.116	ug/L	95
49) Dibromochloromethane	11.123	129	127076	27.806	ug/L	93
50) 1,2-Dibromoethane	11.233	107	102510	26.519	ug/L	94
51) Chlorobenzene	11.654	112	410664	25.932	ug/L	99
52) Ethylbenzene	11.727	91	716815	25.639	ug/L	99
53) m,p-Xylene	11.837	106	273328	25.994	ug/L	97
54) o-Xylene	12.160	106	262740	27.155	ug/L	98
55) Styrene	12.178	104	458614	27.742	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	129828	28.381	ug/L	97
59) Bromoform	12.343	173	72879	27.419	ug/L	98
60) Isopropylbenzene	12.459	105	705133	24.834	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	89529	25.654	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	589465	26.367	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	574773	26.401	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	325403	26.100	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	326237	25.488	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	290242	26.121	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.477	75	19553	26.464	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	218186	26.372	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	168524	25.653	ug/L	92
71) Naphthalene	15.361	128	311649	29.264	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	158187	27.940	ug/L	96

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

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