

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030579.D
 Acq On : 12 Oct 2024 04:26
 Operator : SY/MD
 Sample : P4361-09MS
 Misc : 2.84g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAZ0MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

Quant Time: Oct 14 04:52:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	517918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	384389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166543	20.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.840%
7) Chloroethane-d5	2.893	69	143901	23.352	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	4.021	65	64739	19.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.480%
21) 2-Butanone-d5	7.081	46	53259	36.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.700%
24) Chloroform-d	7.648	84	298926	20.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.307	65	155190	20.149	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	8.276	84	568330	25.474	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.880%
36) 1,2-Dichloropropane-d6	9.270	67	164219	25.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.319	98	482271	23.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	58298	21.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.922	63	46449	55.074	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114026	23.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	107000	23.807	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	95462	14.427	ug/L	96
3) Chloromethane	2.223	50	112648	14.647	ug/L	99
5) Vinyl chloride	2.375	62	140675	14.874	ug/L	99
6) Bromomethane	2.789	94	97277	15.626	ug/L	92
8) Chloroethane	2.936	64	93697	16.206	ug/L	99
9) Trichlorofluoromethane	3.265	101	113434	13.404	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	104116	13.675	ug/L	98
12) 1,1-Dichloroethene	4.039	96	103086m	14.835	ug/L	
13) Acetone	4.137	43	43347	20.210	ug/L	95
14) Carbon disulfide	4.393	76	233765	10.302	ug/L	98
15) Methyl Acetate	4.679	43	38900	14.682	ug/L	97
16) Methylene chloride	4.917	84	114030	14.564	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	105168	14.026	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	174513	16.630	ug/L	98
19) 1,1-Dichloroethane	6.216	63	201571	14.464	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	118201	14.780	ug/L	96
22) 2-Butanone	7.179	43	59520	25.744	ug/L	99
23) Bromochloromethane	7.514	128	52120	14.897	ug/L	93
25) Chloroform	7.673	83	211699	14.215	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134652	13.705	ug/L	99
29) Cyclohexane	7.953	56	156768	16.754	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	173766	17.029	ug/L	97
31) Carbon tetrachloride	8.069	117	144487	15.854	ug/L	99
33) Benzene	8.319	78	433690	17.338	ug/L	100
34) Trichloroethene	9.093	95	110174	15.832	ug/L	95
35) Methylcyclohexane	9.337	83	168499	15.385	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106497	17.047	ug/L	99
38) Bromodichloromethane	9.642	83	123976	14.915	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	143320	15.209	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	116661	38.870	ug/L	98
42) Toluene	10.386	91	426301	15.974	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116153	14.668	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	75473	16.715	ug/L	96
46) Tetrachloroethene	10.861	164	71937	14.015	ug/L	96
48) 2-Hexanone	10.965	43	80561	32.823	ug/L	99
49) Dibromochloromethane	11.129	129	74624	14.812	ug/L	87
50) 1,2-Dibromoethane	11.233	107	71362	16.938	ug/L	96
51) Chlorobenzene	11.654	112	235106	13.686	ug/L	98
52) Ethylbenzene	11.727	91	424960	13.956	ug/L	99
53) m,p-Xylene	11.831	106	151167	13.251	ug/L	95
54) o-Xylene	12.160	106	149639	14.188	ug/L	85
55) Styrene	12.178	104	227978	12.644	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	80847	15.878	ug/L	97
59) Bromoform	12.349	173	40151	21.514	ug/L	96
60) Isopropylbenzene	12.458	105	385505	18.741	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60600	23.445	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	279318	17.211	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	271489	17.086	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	135005	15.078	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	132752	14.359	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	121127	15.373	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12213	21.191	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	64601	10.941	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	51277	10.788	ug/L	96
71) Naphthalene	15.360	128	149522	18.207	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43209	10.486	ug/L	96

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

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