

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030534.D
 Acq On : 11 Oct 2024 01:55
 Operator : SY/MD
 Sample : P4352-05MS
 Misc : 5.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4FD0MS

Quant Time: Oct 11 03:28:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450076	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	376039	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	163669	23.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.893	69	137752	25.723	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.880%
11) 1,1-Dichloroethene-d2	4.021	65	66838	22.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.840%
21) 2-Butanone-d5	7.081	46	45456	35.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.400%
24) Chloroform-d	7.648	84	295824	22.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.307	65	145332	21.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.270	84	567465	26.000	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.270	67	161878	25.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	503172	25.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	10.575	79	57603	21.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.880%
47) 2-Hexanone-d5	10.922	63	37465	45.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91492	19.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	84740	19.564	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	95825	16.664	ug/L	97
3) Chloromethane	2.229	50	125701	18.808	ug/L	99
5) Vinyl chloride	2.375	62	148770	18.101	ug/L	99
6) Bromomethane	2.783	94	99791	18.447	ug/L	100
8) Chloroethane	2.936	64	96008	19.109	ug/L	99
9) Trichlorofluoromethane	3.265	101	123637	16.812	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	109241	16.510	ug/L	97
12) 1,1-Dichloroethene	4.045	96	107862m	17.862	ug/L	
13) Acetone	4.125	43	42868	22.999	ug/L	96
14) Carbon disulfide	4.393	76	307146	15.576	ug/L	100
15) Methyl Acetate	4.673	43	38725	16.819	ug/L	99
16) Methylene chloride	4.923	84	113181	16.634	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	115605	17.742	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	165322	18.129	ug/L	100
19) 1,1-Dichloroethane	6.216	63	219477	18.123	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	124986	17.984	ug/L	96
22) 2-Butanone	7.167	43	54812	27.281	ug/L	99
23) Bromochloromethane	7.514	128	51380	16.899	ug/L	90
25) Chloroform	7.679	83	234087	18.088	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146323	17.138	ug/L	98
29) Cyclohexane	7.959	56	181590	19.838	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	184235	18.456	ug/L	100
31) Carbon tetrachloride	8.069	117	162565	18.234	ug/L	100
33) Benzene	8.319	78	494016	20.188	ug/L	100
34) Trichloroethene	9.093	95	127876	18.783	ug/L	93
35) Methylcyclohexane	9.337	83	186399	17.397	ug/L	97
37) 1,2-Dichloropropane	9.368	63	120673	19.745	ug/L	100
38) Bromodichloromethane	9.642	83	156660	19.266	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	175193	19.004	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	117285	39.946	ug/L	99
42) Toluene	10.386	91	512926	19.647	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	139032	17.947	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	79498	17.998	ug/L	98
46) Tetrachloroethene	10.861	164	86284	17.184	ug/L	96
48) 2-Hexanone	10.965	43	79512	33.115	ug/L	98
49) Dibromochloromethane	11.123	129	84646	17.174	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72406	17.567	ug/L #	89
51) Chlorobenzene	11.654	112	284574	16.933	ug/L	99
52) Ethylbenzene	11.727	91	548498	18.412	ug/L	100
53) m,p-Xylene	11.837	106	197775	17.721	ug/L	95
54) o-Xylene	12.166	106	181493	17.590	ug/L	90
55) Styrene	12.178	104	253982	14.399	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	78783	15.816	ug/L	97
59) Bromoform	12.349	173	40602	22.574	ug/L	98
60) Isopropylbenzene	12.459	105	494968	24.967	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58121	23.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	353690	22.614	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	341470	22.299	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	156442	18.129	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	156819	17.600	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	127195	16.751	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	11069	19.928	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	70725	12.429	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	43923	9.588	ug/L	97
71) Naphthalene	15.360	128	86875	10.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	34857	8.777	ug/L	97

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

