

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030824.D
 Acq On : 29 Oct 2024 23:16
 Operator : SY/MD
 Sample : P4494-03MSD
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F35MSD

Quant Time: Oct 30 01:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 10/30/2024
 Supervised By :Mahesh
 Dadoda
 10/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	427778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48918	7.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.120%#
7) Chloroethane-d5	2.899	69	58303	11.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.800%
11) 1,1-Dichloroethene-d2	4.021	65	21366	7.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	30.560%#
21) 2-Butanone-d5	7.075	46	53705	44.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.760%
24) Chloroform-d	7.648	84	212946	17.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.640%
26) 1,2-Dichloroethane-d4	8.307	65	107921	16.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.840%#
32) Benzene-d6	8.276	84	283527	14.207	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.840%
36) 1,2-Dichloropropane-d6	9.270	67	112213	19.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.640%
41) Toluene-d8	10.319	98	212221	11.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	46.600%
43) trans-1,3-Dichloroprop...	10.575	79	38327	15.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.520%
47) 2-Hexanone-d5	10.922	63	39361	52.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102079	23.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78564	17.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.560%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	64377	11.779	ug/L	99
3) Chloromethane	2.223	50	80114	12.612	ug/L	98
5) Vinyl chloride	2.375	62	108184	13.849	ug/L	99
6) Bromomethane	2.789	94	71972	13.998	ug/L	95
8) Chloroethane	2.930	64	73450	15.381	ug/L	99
9) Trichlorofluoromethane	3.265	101	102361	14.644	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94195	14.978	ug/L	98
12) 1,1-Dichloroethene	4.045	96	78462	13.671	ug/L	87
13) Acetone	4.119	43	29109	16.431	ug/L	100
14) Carbon disulfide	4.387	76	180232	9.617	ug/L	99
15) Methyl Acetate	4.673	43	33068m	15.111	ug/L	
16) Methylene chloride	4.923	84	95161	14.715	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	89665	14.478	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	145242	16.757	ug/L	99
19) 1,1-Dichloroethane	6.222	63	192737	16.745	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106095	16.061	ug/L	97
22) 2-Butanone	7.167	43	40847	21.390	ug/L	97
23) Bromochloromethane	7.520	128	44288	15.326	ug/L	96
25) Chloroform	7.673	83	206665	16.802	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126282	15.562	ug/L	99
29) Cyclohexane	7.959	56	125671	15.014	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	165877	18.173	ug/L	99
31) Carbon tetrachloride	8.069	117	140211	17.199	ug/L	98
33) Benzene	8.325	78	400532	17.900	ug/L	100
34) Trichloroethene	9.093	95	102016	16.388	ug/L	96
35) Methylcyclohexane	9.337	83	129233	13.191	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106959	19.139	ug/L	99
38) Bromodichloromethane	9.642	83	138978	18.691	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	147794	17.533	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	99053	36.894	ug/L	99
42) Toluene	10.386	91	421394	17.652	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	118348	16.707	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	72176	17.870	ug/L	96
46) Tetrachloroethene	10.861	164	71330	15.536	ug/L	98
48) 2-Hexanone	10.965	43	67892	30.922	ug/L	98
49) Dibromochloromethane	11.123	129	77365	17.167	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62004	16.452	ug/L	95
51) Chlorobenzene	11.654	112	252879	16.456	ug/L	99
52) Ethylbenzene	11.727	91	457584	16.799	ug/L	100
53) m,p-Xylene	11.837	106	163155	15.988	ug/L	92
54) o-Xylene	12.160	106	158733	16.825	ug/L	89
55) Styrene	12.178	104	256109	15.879	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	73194	16.070	ug/L	96
59) Bromoform	12.349	173	37338	20.475	ug/L	100
60) Isopropylbenzene	12.458	105	416850	20.738	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53066	21.010	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	309547	19.520	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	297094	19.134	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	145207	16.596	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	150371	16.645	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	122843	15.955	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10448	18.552	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	64341	11.152	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	45000	9.688	ug/L	97
71) Naphthalene	15.360	128	101092	12.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	36975	9.183	ug/L	99

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

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