

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030595.D
 Acq On : 14 Oct 2024 17:55
 Operator : SY/MD
 Sample : P4351-03MSD
 Misc : 4.66g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOLG5MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 01:12:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 15 01:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	283513	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	78267	16.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.960%
7) Chloroethane-d5	2.899	69	66921	18.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.520%
11) 1,1-Dichloroethene-d2	4.021	65	33667	17.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.200%
21) 2-Butanone-d5	7.075	46	39223m	45.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.840%
24) Chloroform-d	7.648	84	171846	19.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	8.307	65	87458	19.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.920%
32) Benzene-d6	8.276	84	313182	19.033	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.120%
36) 1,2-Dichloropropane-d6	9.276	67	94571	19.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.320%
41) Toluene-d8	10.325	98	285916	19.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.120%
43) trans-1,3-Dichloroprop...	10.575	79	39731	19.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.600%
47) 2-Hexanone-d5	10.922	63	30647	49.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78582	22.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	96997	20.112	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68380	17.724	ug/L #	87
3) Chloromethane	2.229	50	90055	20.083	ug/L	98
5) Vinyl chloride	2.375	62	121396	22.014	ug/L	99
6) Bromomethane	2.796	94	84475	23.274	ug/L	98
8) Chloroethane	2.936	64	75716	22.461	ug/L	97
9) Trichlorofluoromethane	3.271	101	104916	21.263	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	94094	21.196	ug/L	97
12) 1,1-Dichloroethene	4.045	96	88806	21.919	ug/L	95
13) Acetone	4.125	43	59353	47.460	ug/L	97
14) Carbon disulfide	4.393	76	259720	19.631	ug/L	98
15) Methyl Acetate	4.673	43	36742	23.784	ug/L	95
16) Methylene chloride	4.923	84	102337	22.417	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	95149	21.764	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	159204	26.020	ug/L	100
19) 1,1-Dichloroethane	6.222	63	184441	22.700	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109555	23.494	ug/L	95
22) 2-Butanone	7.173	43	61564	45.669	ug/L	100
23) Bromochloromethane	7.520	128	47524	23.297	ug/L	95
25) Chloroform	7.679	83	201608	23.219	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130682	22.813	ug/L	98
29) Cyclohexane	7.959	56	148646	21.539	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	165517	21.992	ug/L	98
31) Carbon tetrachloride	8.069	117	143036	21.279	ug/L	96
33) Benzene	8.325	78	410148	22.231	ug/L	100
34) Trichloroethene	9.093	95	109945	21.420	ug/L	97
35) Methylcyclohexane	9.337	83	173328	21.457	ug/L	98
37) 1,2-Dichloropropane	9.368	63	105495	22.894	ug/L	100
38) Bromodichloromethane	9.648	83	139804	22.804	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	160989	23.162	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112880	50.992	ug/L	100
42) Toluene	10.386	91	461001	23.421	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	134456	23.021	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	78915	23.696	ug/L	97
46) Tetrachloroethene	10.861	164	86859	22.944	ug/L	87
48) 2-Hexanone	10.965	43	90615	50.055	ug/L	99
49) Dibromochloromethane	11.130	129	88409	23.792	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73630	23.694	ug/L #	88
51) Chlorobenzene	11.654	112	287575	22.696	ug/L	99
52) Ethylbenzene	11.727	91	511588	22.778	ug/L	99
53) m,p-Xylene	11.837	106	195551	23.240	ug/L	99
54) o-Xylene	12.166	106	187360	24.085	ug/L	94
55) Styrene	12.178	104	319931	24.057	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	90747	24.164	ug/L	93
59) Bromoform	12.343	173	47207	23.573	ug/L	100
60) Isopropylbenzene	12.459	105	522478	23.670	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64589	23.287	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	428631	24.613	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	417974	24.514	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	225679	23.488	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	227111	22.892	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	199040	23.542	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13951	22.558	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	157511	24.860	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	119623	23.453	ug/L	96
71) Naphthalene	15.360	128	227394	25.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102573	23.197	ug/L	99

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

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