

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
 Data File : VW030411.D
 Acq On : 04 Oct 2024 22:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Oct 05 01:31:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 05 01:25:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	203385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	193533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	44790	28.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.720%
7) Chloroethane-d5	2.899	69	36894	31.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.640%
11) 1,1-Dichloroethene-d2	4.015	65	28080	24.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.800%
21) 2-Butanone-d5	7.075	46	35747	55.930	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.860%
24) Chloroform-d	7.654	84	146707	26.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	8.307	65	77244	27.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.276	84	288715	26.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.480%
36) 1,2-Dichloropropane-d6	9.276	67	89941	27.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.280%
41) Toluene-d8	10.325	98	263747	26.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.080%
43) trans-1,3-Dichloroprop...	10.575	79	34004	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.240%
47) 2-Hexanone-d5	10.922	63	30631	56.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70631	28.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	87605	26.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	46160	20.764	ug/L	97
3) Chloromethane	2.222	50	43246	24.832	ug/L	95
5) Vinyl chloride	2.375	62	50014	27.015	ug/L	96
6) Bromomethane	2.789	94	33174	26.922	ug/L	97
8) Chloroethane	2.936	64	30146	29.846	ug/L	98
9) Trichlorofluoromethane	3.271	101	57884	24.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	56111	23.615	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	55425	23.456	ug/L	98
13) Acetone	4.131	43	22696	33.476	ug/L	98
14) Carbon disulfide	4.393	76	170675	21.721	ug/L	98
15) Methyl Acetate	4.673	43	26350	23.828	ug/L	99
16) Methylene chloride	4.923	84	64919	20.739	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	63775	23.250	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	100135	22.952	ug/L	99
19) 1,1-Dichloroethane	6.222	63	122633	23.476	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	70096	23.129	ug/L	95
22) 2-Butanone	7.173	43	34830	40.186	ug/L	99
23) Bromochloromethane	7.514	128	30339	22.931	ug/L	94
25) Chloroform	7.679	83	127791	23.589	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81485	22.680	ug/L	99
29) Cyclohexane	7.959	56	95367	22.354	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	101491	22.638	ug/L	98
31) Carbon tetrachloride	8.075	117	89789	22.409	ug/L	99
33) Benzene	8.325	78	277751	23.563	ug/L	100
34) Trichloroethene	9.093	95	72022	22.970	ug/L	95
35) Methylcyclohexane	9.337	83	114366	23.768	ug/L	99
37) 1,2-Dichloropropane	9.367	63	74058	23.812	ug/L	99
38) Bromodichloromethane	9.648	83	89357	22.884	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	107841	22.613	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	75537	47.219	ug/L	99
42) Toluene	10.386	91	299432	23.728	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	87274	22.086	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	53065	24.211	ug/L	97
46) Tetrachloroethene	10.861	164	54917	23.416	ug/L	98
48) 2-Hexanone	10.965	43	51065	43.351	ug/L	98
49) Dibromochloromethane	11.129	129	57432	23.285	ug/L	90
50) 1,2-Dibromoethane	11.233	107	48841	23.551	ug/L #	99
51) Chlorobenzene	11.654	112	190740	23.389	ug/L	96
52) Ethylbenzene	11.727	91	336241	23.520	ug/L	100
53) m,p-Xylene	11.837	106	128546	24.087	ug/L	97
54) o-Xylene	12.166	106	124239	24.459	ug/L	97
55) Styrene	12.178	104	213321	24.618	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	61305	23.883	ug/L #	98
59) Bromoform	12.349	173	33313	22.658	ug/L	99
60) Isopropylbenzene	12.458	105	329904	22.902	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44109	22.863	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	271442	23.297	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	266615	23.160	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	145732	22.638	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	152640	23.211	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	130992	22.825	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	9717	21.982	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	97822	22.017	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	81482	22.150	ug/L	95
71) Naphthalene	15.360	128	159614	23.721	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	73514	22.831	ug/L	99

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

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