

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
 Data File : VW030627.D
 Acq On : 17 Oct 2024 09:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Oct 18 01:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 17 01:53:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	283765	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131618	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	82900	18.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.360%
7) Chloroethane-d5	2.905	69	73927	21.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	4.021	65	33913	18.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.120%
21) 2-Butanone-d5	7.081	46	32882	40.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
24) Chloroform-d	7.648	84	185751	22.890	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	8.307	65	90233	21.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.520%
32) Benzene-d6	8.276	84	329836	21.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	9.276	67	99913	22.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.325	98	302233	21.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.575	79	37714	20.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.000%
47) 2-Hexanone-d5	10.922	63	24865	43.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75119	22.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	100981	22.675	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	84721	23.368	ug/L	100
3) Chloromethane	2.222	50	103725	24.616	ug/L	98
5) Vinyl chloride	2.375	62	132938	25.654	ug/L	95
6) Bromomethane	2.795	94	89350	26.197	ug/L	100
8) Chloroethane	2.942	64	85194	26.894	ug/L	97
9) Trichlorofluoromethane	3.271	101	113729	24.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	101261	24.274	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93871	24.657	ug/L	95
13) Acetone	4.131	43	52279	44.486	ug/L	98
14) Carbon disulfide	4.387	76	282483	22.722	ug/L	99
15) Methyl Acetate	4.679	43	33464	23.053	ug/L	100
16) Methylene chloride	4.923	84	101382	23.633	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	104186	25.361	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	133801	23.272	ug/L	100
19) 1,1-Dichloroethane	6.222	63	202165	26.478	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	110200	25.149	ug/L	93
22) 2-Butanone	7.173	43	51284	40.485	ug/L	99
23) Bromochloromethane	7.520	128	46287	24.147	ug/L	91
25) Chloroform	7.679	83	212919	26.095	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131745	24.475	ug/L	100
29) Cyclohexane	7.953	56	162415	25.556	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	178975	25.824	ug/L	99
31) Carbon tetrachloride	8.069	117	159313	25.737	ug/L	97
33) Benzene	8.325	78	440893	25.950	ug/L	100
34) Trichloroethene	9.093	95	119348	25.250	ug/L	97
35) Methylcyclohexane	9.331	83	186597	25.085	ug/L	99
37) 1,2-Dichloropropane	9.367	63	111745	26.334	ug/L	99
38) Bromodichloromethane	9.642	83	148217	26.254	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	164709	25.734	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	98296	48.219	ug/L	99
42) Toluene	10.386	91	487557	26.899	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135795	25.248	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	76366	24.901	ug/L	97
46) Tetrachloroethene	10.861	164	87380	25.065	ug/L	94
48) 2-Hexanone	10.965	43	79033	47.409	ug/L	97
49) Dibromochloromethane	11.129	129	85091	24.867	ug/L	90
50) 1,2-Dibromoethane	11.233	107	68316	23.873	ug/L #	97
51) Chlorobenzene	11.654	112	285577	24.475	ug/L	94
52) Ethylbenzene	11.727	91	559850	27.069	ug/L	100
53) m,p-Xylene	11.836	106	200428	25.866	ug/L	95
54) o-Xylene	12.166	106	192189	26.829	ug/L	87
55) Styrene	12.178	104	333617	27.242	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	86628	25.049	ug/L	99
59) Bromoform	12.349	173	44064	23.829	ug/L	97
60) Isopropylbenzene	12.458	105	541156	26.550	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58618	22.887	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	436718	27.158	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	429642	27.288	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	229946	25.918	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	224770	24.536	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	197833	25.340	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12189	21.344	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	147237	25.166	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	109795	23.312	ug/L	100
71) Naphthalene	15.360	128	179523	22.062	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90105	22.068	ug/L	92

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

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