

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028133.D
 Acq On : 07 Mar 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Mar 08 00:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264465	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	130196	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68835	21.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.905	69	59487	24.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
11) 1,1-Dichloroethene-d2	4.027	65	30233	23.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.800%
21) 2-Butanone-d5	7.075	46	24416	54.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.440%
24) Chloroform-d	7.648	84	144827	25.855	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.307	65	68244	26.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	8.276	84	280538	23.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.270	67	74256	24.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.325	98	271209	24.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.575	79	34366	25.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.200%
47) 2-Hexanone-d5	10.922	63	24098	55.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61676	25.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	100389	25.927	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61252	22.670	ug/L	96
3) Chloromethane	2.222	50	58200	22.655	ug/L	99
5) Vinyl chloride	2.375	62	83527	23.331	ug/L	99
6) Bromomethane	2.789	94	67064	23.480	ug/L	96
8) Chloroethane	2.936	64	54226	24.118	ug/L	98
9) Trichlorofluoromethane	3.271	101	68462	20.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79553	22.916	ug/L	93
12) 1,1-Dichloroethene	4.051	96	78912	24.003	ug/L	95
13) Acetone	4.118	43	26666	42.362	ug/L	97
14) Carbon disulfide	4.393	76	222757	22.243	ug/L	98
15) Methyl Acetate	4.667	43	21822	24.527	ug/L	99
16) Methylene chloride	4.917	84	86709	23.835	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	83178	23.678	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	108503	25.221	ug/L	99
19) 1,1-Dichloroethane	6.222	63	135957	24.477	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	89763	24.280	ug/L	96
22) 2-Butanone	7.167	43	31026	44.133	ug/L	97
23) Bromochloromethane	7.514	128	41254	23.770	ug/L	97
25) Chloroform	7.673	83	151559	24.429	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90945	24.652	ug/L	99
29) Cyclohexane	7.959	56	112676	23.022	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131478	23.137	ug/L	99
31) Carbon tetrachloride	8.069	117	127382	24.005	ug/L	100
33) Benzene	8.325	78	318319	23.151	ug/L	100
34) Trichloroethene	9.093	95	90539	22.473	ug/L	94
35) Methylcyclohexane	9.337	83	152349	23.365	ug/L	99
37) 1,2-Dichloropropane	9.368	63	73083	22.824	ug/L	100
38) Bromodichloromethane	9.642	83	109100	23.589	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	124063	23.561	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	61479	48.341	ug/L	100
42) Toluene	10.386	91	367339	23.644	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	104096	24.335	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	61077	22.744	ug/L	93
46) Tetrachloroethene	10.861	164	79173	23.448	ug/L	88
48) 2-Hexanone	10.965	43	46083	44.814	ug/L	99
49) Dibromochloromethane	11.123	129	73378	23.505	ug/L	95
50) 1,2-Dibromoethane	11.233	107	60685	23.463	ug/L	99
51) Chlorobenzene	11.654	112	243436	23.483	ug/L	94
52) Ethylbenzene	11.727	91	423202	23.825	ug/L	99
53) m,p-Xylene	11.837	106	165430	24.004	ug/L	95
54) o-Xylene	12.160	106	156521	23.998	ug/L	93
55) Styrene	12.178	104	263223	23.664	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	67949	23.467	ug/L	95
59) Bromoform	12.343	173	43234	23.424	ug/L	99
60) Isopropylbenzene	12.458	105	433622	24.277	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47578	23.772	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	305351	26.075	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	360167	25.791	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	197720	23.952	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	199962	23.994	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	173955	23.394	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11554	27.486	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	148148	24.319	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	117635	24.045	ug/L	96
71) Naphthalene	15.360	128	210990	26.370	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101381	24.781	ug/L	97

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

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