

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028443.D
 Acq On : 16 Apr 2024 10:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Apr 17 05:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 15 22:30:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	292683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	95866	20.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
7) Chloroethane-d5	2.899	69	78933	22.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	4.021	65	42867	21.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.280%
21) 2-Butanone-d5	7.081	46	48015	54.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.360%
24) Chloroform-d	7.648	84	188267	24.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	8.300	65	102365	25.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.270	84	354766	23.666	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	108146	24.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.318	98	322475	23.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	10.574	79	43335	24.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.922	63	34132	55.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84748	26.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	104668	24.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94679	24.051	ug/L	99
3) Chloromethane	2.222	50	116269	25.157	ug/L	98
5) Vinyl chloride	2.375	62	134342	24.408	ug/L	98
6) Bromomethane	2.789	94	82048	23.859	ug/L	99
8) Chloroethane	2.936	64	82492	24.862	ug/L	97
9) Trichlorofluoromethane	3.265	101	101529	23.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103217	24.986	ug/L #	63
12) 1,1-Dichloroethene	4.045	96	96737	24.940	ug/L	92
13) Acetone	4.130	43	53511	49.635	ug/L	97
14) Carbon disulfide	4.393	76	303631	23.777	ug/L	100
15) Methyl Acetate	4.673	43	45122	26.012	ug/L	98
16) Methylene chloride	4.917	84	101784	22.982	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	105169	25.740	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	147919	25.737	ug/L	98
19) 1,1-Dichloroethane	6.215	63	206028	25.881	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	112457	25.933	ug/L	95
22) 2-Butanone	7.166	43	65684	50.203	ug/L	100
23) Bromochloromethane	7.514	128	47147	25.242	ug/L	90
25) Chloroform	7.672	83	202536	25.900	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142722	26.443	ug/L	99
29) Cyclohexane	7.953	56	188013	25.939	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	165911	24.930	ug/L	99
31) Carbon tetrachloride	8.069	117	150195	25.450	ug/L	98
33) Benzene	8.319	78	433751	25.281	ug/L	100
34) Trichloroethene	9.087	95	116835	25.128	ug/L	95
35) Methylcyclohexane	9.331	83	203545	25.654	ug/L	99
37) 1,2-Dichloropropane	9.367	63	111734	24.987	ug/L	100
38) Bromodichloromethane	9.642	83	143695	25.925	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	171274	26.119	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	131146	58.586	ug/L	99
42) Toluene	10.385	91	464278	25.543	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	141259	26.628	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	79232	26.190	ug/L	94
46) Tetrachloroethene	10.855	164	84166	24.234	ug/L	86
48) 2-Hexanone	10.965	43	97169	54.686	ug/L	98
49) Dibromochloromethane	11.129	129	83892	25.944	ug/L	98
50) 1,2-Dibromoethane	11.233	107	73666	26.679	ug/L	97
51) Chlorobenzene	11.653	112	283802	25.120	ug/L	96
52) Ethylbenzene	11.727	91	532691	25.854	ug/L	99
53) m,p-Xylene	11.836	106	192553	25.130	ug/L	94
54) o-Xylene	12.159	106	182051	25.518	ug/L	90
55) Styrene	12.178	104	319714	26.331	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93087	27.189	ug/L	98
59) Bromoform	12.348	173	44907	25.125	ug/L	98
60) Isopropylbenzene	12.458	105	533708	26.291	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68528	27.682	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	339084	26.208	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	420701	27.018	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	222773	25.864	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	221792	25.313	ug/L	89
67) 1,2-Dichlorobenzene	13.866	146	189931	25.068	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	14668	25.857	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	149495	25.222	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	129114	27.895	ug/L	96
71) Naphthalene	15.354	128	245087	29.919	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108892	26.512	ug/L	99

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

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