

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041724\
 Data File : VW028474.D
 Acq On : 17 Apr 2024 17:54
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Apr 18 02:23:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 18 02:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	296482	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88968	18.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
7) Chloroethane-d5	2.899	69	78634	21.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.027	65	39899	19.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.280%
21) 2-Butanone-d5	7.081	46	52364	58.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.740%
24) Chloroform-d	7.648	84	197392	25.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.307	65	107990	26.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.440%
32) Benzene-d6	8.270	84	369400	24.604	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.270	67	112570	25.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	10.325	98	331029	24.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.575	79	42973	24.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.880%
47) 2-Hexanone-d5	10.922	63	36443	58.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93186	29.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	109682	25.211	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81697	20.488	ug/L	90
3) Chloromethane	2.223	50	106777	22.807	ug/L	97
5) Vinyl chloride	2.375	62	121335	21.762	ug/L	97
6) Bromomethane	2.790	94	78369	22.497	ug/L	98
8) Chloroethane	2.936	64	76017	22.617	ug/L	96
9) Trichlorofluoromethane	3.265	101	86508	19.449	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	92710	22.155	ug/L	95
12) 1,1-Dichloroethene	4.045	96	86911	22.120	ug/L	96
13) Acetone	4.137	43	37494	34.332	ug/L	94
14) Carbon disulfide	4.393	76	274230	21.199	ug/L	100
15) Methyl Acetate	4.667	43	46047	26.205	ug/L	100
16) Methylene chloride	4.917	84	102004	22.737	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	98829	23.879	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	149804	25.731	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202496	25.112	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	107959	24.577	ug/L	95
22) 2-Butanone	7.173	43	58515	44.151	ug/L	98
23) Bromochloromethane	7.508	128	47750	25.237	ug/L	94
25) Chloroform	7.673	83	202654	25.583	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143129	26.179	ug/L	99
29) Cyclohexane	7.959	56	167270	23.041	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155585	23.342	ug/L	99
31) Carbon tetrachloride	8.069	117	137628	23.285	ug/L	98
33) Benzene	8.325	78	426170	24.801	ug/L	100
34) Trichloroethene	9.093	95	110842	23.802	ug/L	96
35) Methylcyclohexane	9.331	83	181543	22.846	ug/L	100
37) 1,2-Dichloropropane	9.368	63	114154	25.488	ug/L	100
38) Bromodichloromethane	9.642	83	139987	25.217	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	165051	25.131	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	130983	58.422	ug/L	99
42) Toluene	10.386	91	451572	24.806	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	137819	25.939	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79946	26.385	ug/L	95
46) Tetrachloroethene	10.861	164	77754	22.353	ug/L	81
48) 2-Hexanone	10.965	43	90649	50.937	ug/L	99
49) Dibromochloromethane	11.130	129	84382	26.055	ug/L	98
50) 1,2-Dibromoethane	11.233	107	72883	26.354	ug/L	92
51) Chlorobenzene	11.654	112	280938	24.828	ug/L	96
52) Ethylbenzene	11.727	91	515197	24.966	ug/L	98
53) m,p-Xylene	11.837	106	189774	24.729	ug/L	96
54) o-Xylene	12.160	106	181642	25.421	ug/L	99
55) Styrene	12.178	104	317280	26.090	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	92332	26.927	ug/L	96
59) Bromoform	12.343	173	46497	25.606	ug/L	100
60) Isopropylbenzene	12.459	105	496800	24.089	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65341	25.980	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	327070	24.882	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	401003	25.349	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	211482	24.167	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	215628	24.223	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	190767	24.783	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14180	24.604	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	137403	22.818	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	112954	24.020	ug/L	93
71) Naphthalene	15.360	128	231575	27.826	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	103023	24.689	ug/L	97

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

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