

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040124\
 Data File : VW028287.D
 Acq On : 01 Apr 2024 17:09
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Apr 02 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 02 01:37:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	218009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	206498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43457	17.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
7) Chloroethane-d5	2.899	69	37952	21.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	4.027	65	28718	17.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.000%
21) 2-Butanone-d5	7.075	46	51680	68.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.380%#
24) Chloroform-d	7.648	84	161148	25.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.307	65	87971	24.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.276	84	298437	23.671	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	94072	25.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.318	98	266012	22.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.575	79	39051	23.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.800%
47) 2-Hexanone-d5	10.922	63	39790	66.348	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83278	31.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.280%#
66) 1,2-Dichlorobenzene-d4	13.848	152	96975	25.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54169	17.128	ug/L	99
3) Chloromethane	2.222	50	44487	19.833	ug/L	98
5) Vinyl chloride	2.375	62	52938	20.879	ug/L	98
6) Bromomethane	2.789	94	33217	21.998	ug/L	89
8) Chloroethane	2.936	64	29765	21.841	ug/L	98
9) Trichlorofluoromethane	3.265	101	63955	20.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	66797	21.934	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	62261	22.116	ug/L	96
13) Acetone	4.124	43	37112	44.428	ug/L	98
14) Carbon disulfide	4.387	76	173709	19.784	ug/L	99
15) Methyl Acetate	4.673	43	32397	25.179	ug/L	98
16) Methylene chloride	4.917	84	72620	21.886	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	67603	22.596	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	108601	24.059	ug/L	98
19) 1,1-Dichloroethane	6.216	63	137513	23.742	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	76650	23.722	ug/L	96
22) 2-Butanone	7.167	43	49228	51.905	ug/L	99
23) Bromochloromethane	7.514	128	32610	22.828	ug/L	84
25) Chloroform	7.679	83	138958	23.304	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	93633	22.236	ug/L #	95
29) Cyclohexane	7.953	56	115881	21.515	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	114787	21.206	ug/L	99
31) Carbon tetrachloride	8.063	117	104887	20.658	ug/L	95
33) Benzene	8.325	78	291173	22.915	ug/L	100
34) Trichloroethene	9.093	95	79346	22.382	ug/L	97
35) Methylcyclohexane	9.331	83	128634	21.466	ug/L	100
37) 1,2-Dichloropropane	9.367	63	77858	23.955	ug/L	99
38) Bromodichloromethane	9.642	83	96754	22.080	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	118771	22.818	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	95069	52.991	ug/L	99
42) Toluene	10.386	91	320262	23.093	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	101080	23.001	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	56378	24.008	ug/L	98
46) Tetrachloroethene	10.861	164	59308	20.754	ug/L	93
48) 2-Hexanone	10.965	43	70714	50.318	ug/L	95
49) Dibromochloromethane	11.123	129	64394	23.154	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52908	23.563	ug/L	94
51) Chlorobenzene	11.654	112	197582	22.446	ug/L	100
52) Ethylbenzene	11.727	91	365154	22.555	ug/L	99
53) m,p-Xylene	11.836	106	134803	22.127	ug/L	97
54) o-Xylene	12.160	106	129973	23.006	ug/L	99
55) Styrene	12.178	104	228011	23.496	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	68850	25.633	ug/L	96
59) Bromoform	12.349	173	37594	24.430	ug/L	98
60) Isopropylbenzene	12.458	105	373376	24.471	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	51027	26.035	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	243276	23.763	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	297744	24.085	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	163559	24.028	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	161578	23.738	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	144571	24.663	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11559	25.106	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	110351	23.273	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	95896	23.807	ug/L	99
71) Naphthalene	15.360	128	186268	26.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85242	25.670	ug/L	98

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

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