

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030524\
 Data File : VW028104.D
 Acq On : 05 Mar 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Quant Time: Mar 06 00:02:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 05 23:58:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252866	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	123937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65726	21.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.080%
7) Chloroethane-d5	2.899	69	53006	22.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	4.033	65	26351	21.372	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.480%
21) 2-Butanone-d5	7.075	46	29696	68.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.940%#
24) Chloroform-d	7.648	84	134889	25.186	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.760%
26) 1,2-Dichloroethane-d4	8.301	65	68187	27.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.440%
32) Benzene-d6	8.276	84	265777	24.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.270	67	72177	25.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.440%
41) Toluene-d8	10.325	98	252405	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	10.575	79	32271	26.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.520%
47) 2-Hexanone-d5	10.922	63	26628	67.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69590	31.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91056	24.704	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51744	20.029	ug/L #	83
3) Chloromethane	2.222	50	56057	22.822	ug/L	99
5) Vinyl chloride	2.375	62	74541	21.776	ug/L	100
6) Bromomethane	2.789	94	60215	22.049	ug/L	95
8) Chloroethane	2.936	64	49882	23.204	ug/L	95
9) Trichlorofluoromethane	3.265	101	56551	17.712	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68325	20.584	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	68191	21.693	ug/L	88
13) Acetone	4.118	43	24513	40.728	ug/L	99
14) Carbon disulfide	4.399	76	201343	21.027	ug/L	99
15) Methyl Acetate	4.667	43	28512	33.517	ug/L	95
16) Methylene chloride	4.923	84	77761	22.355	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	73677	21.935	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	105423	25.629	ug/L	100
19) 1,1-Dichloroethane	6.222	63	123603	23.274	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	83373	23.586	ug/L	96
22) 2-Butanone	7.173	43	34844	51.838	ug/L	99
23) Bromochloromethane	7.514	128	39751	23.954	ug/L	95
25) Chloroform	7.673	83	140829	23.741	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89685	25.426	ug/L	100
29) Cyclohexane	7.959	56	96362	21.447	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	113254	21.710	ug/L	99
31) Carbon tetrachloride	8.069	117	104609	21.474	ug/L	100
33) Benzene	8.325	78	292618	23.182	ug/L	100
34) Trichloroethene	9.087	95	80725	21.827	ug/L	94
35) Methylcyclohexane	9.337	83	129807	21.686	ug/L	98
37) 1,2-Dichloropropane	9.368	63	69772	23.736	ug/L	100
38) Bromodichloromethane	9.642	83	101893	23.999	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	114569	23.701	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	73410	62.877	ug/L	98
42) Toluene	10.386	91	330489	23.172	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	97222	24.758	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	61471	24.935	ug/L	96
46) Tetrachloroethene	10.861	164	66849	21.567	ug/L	89
48) 2-Hexanone	10.965	43	50208	53.185	ug/L	99
49) Dibromochloromethane	11.123	129	72684	25.362	ug/L	91
50) 1,2-Dibromoethane	11.233	107	60653	25.545	ug/L	94
51) Chlorobenzene	11.654	112	218851	22.997	ug/L	95
52) Ethylbenzene	11.727	91	368034	22.570	ug/L	96
53) m,p-Xylene	11.837	106	147243	23.273	ug/L	94
54) o-Xylene	12.166	106	137393	22.946	ug/L	98
55) Styrene	12.178	104	242953	23.792	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	74570	28.053	ug/L	97
59) Bromoform	12.349	173	43249	24.615	ug/L	98
60) Isopropylbenzene	12.458	105	373191	21.949	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52361	27.483	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	246129	22.079	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	301426	22.674	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	177923	22.642	ug/L	89
65) 1,4-Dichlorobenzene	13.568	146	172107	21.695	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	160534	22.680	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	11878	29.684	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	117944	20.339	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	100534	21.587	ug/L	98
71) Naphthalene	15.360	128	220706	28.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	89306	22.932	ug/L	98

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

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