

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
 Data File : VW028289.D
 Acq On : 03 Apr 2024 12:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Apr 04 02:58:32 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	8.843	114	221400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	208120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	51464	19.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.480%
7) Chloroethane-d5	2.899	69	43858	24.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	4.021	65	32954	20.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	7.081	46	49364	64.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.220%
24) Chloroform-d	7.648	84	176941	27.103	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	8.301	65	93993	26.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.270	84	331894	26.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.480%
36) 1,2-Dichloropropane-d6	9.270	67	103570	28.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	10.319	98	285972	24.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	10.575	79	41384	24.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.680%
47) 2-Hexanone-d5	10.922	63	37394	61.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83582	30.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.760%#
66) 1,2-Dichlorobenzene-d4	13.849	152	106072	26.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56962	17.736	ug/L #	89
3) Chloromethane	2.223	50	51771	22.727	ug/L	99
5) Vinyl chloride	2.375	62	65766	25.541	ug/L	99
6) Bromomethane	2.790	94	39182	25.551	ug/L	91
8) Chloroethane	2.942	64	38006	27.461	ug/L	95
9) Trichlorofluoromethane	3.271	101	76040	24.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78544	25.397	ug/L	96
12) 1,1-Dichloroethene	4.045	96	73303	25.640	ug/L	88
13) Acetone	4.125	43	36611	43.157	ug/L	99
14) Carbon disulfide	4.393	76	206867	23.199	ug/L	99
15) Methyl Acetate	4.673	43	33750	25.828	ug/L	99
16) Methylene chloride	4.917	84	80800	23.978	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	77927	25.648	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	120190	26.219	ug/L	98
19) 1,1-Dichloroethane	6.216	63	157696	26.810	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	88785	27.057	ug/L	97
22) 2-Butanone	7.167	43	47644	49.466	ug/L	98
23) Bromochloromethane	7.514	128	38499	26.538	ug/L	92
25) Chloroform	7.679	83	158780	26.221	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	105077	24.572	ug/L	97
29) Cyclohexane	7.959	56	134313	24.743	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	135161	24.775	ug/L	99
31) Carbon tetrachloride	8.063	117	119966	23.443	ug/L	99
33) Benzene	8.325	78	338689	26.446	ug/L	100
34) Trichloroethene	9.087	95	90558	25.345	ug/L	94
35) Methylcyclohexane	9.337	83	148194	24.538	ug/L	99
37) 1,2-Dichloropropane	9.368	63	89392	27.289	ug/L	100
38) Bromodichloromethane	9.642	83	111412	25.227	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	137596	26.229	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95360	52.739	ug/L	98
42) Toluene	10.386	91	365094	26.121	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	113452	25.615	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	63272	26.734	ug/L	99
46) Tetrachloroethene	10.861	164	69670	24.190	ug/L	97
48) 2-Hexanone	10.965	43	67666	47.774	ug/L	96
49) Dibromochloromethane	11.123	129	72067	25.711	ug/L	100
50) 1,2-Dibromoethane	11.233	107	56728	25.067	ug/L #	89
51) Chlorobenzene	11.654	112	227732	25.670	ug/L	95
52) Ethylbenzene	11.727	91	424511	26.017	ug/L	98
53) m,p-Xylene	11.837	106	158125	25.753	ug/L	98
54) o-Xylene	12.160	106	152063	26.706	ug/L	97
55) Styrene	12.178	104	260226	26.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	72437	26.758	ug/L	100
59) Bromoform	12.343	173	41307	25.261	ug/L	99
60) Isopropylbenzene	12.459	105	427760	26.383	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52656	25.283	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	288608	26.530	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	345685	26.316	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	186455	25.778	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186935	25.845	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	166348	26.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	11302	23.102	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	131962	26.191	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	106513	24.885	ug/L	97
71) Naphthalene	15.360	128	194084	26.418	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91875	26.038	ug/L	96

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

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