

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112222\
 Data File : VW025113.D
 Acq On : 22 Nov 2022 09:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Nov 23 04:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 03:12:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	501684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	427879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136698	22.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	2.891	69	91768	22.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	4.025	63	327190	24.659	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.085	46	59231	46.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.480%
24) Chloroform-d	7.652	84	306633	23.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.305	65	149512	23.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.274	84	624783	24.221	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.274	67	180213	24.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.323	98	572097	24.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.579	79	74062	24.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.440%
47) 2-Hexanone-d5	10.926	63	47688	50.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	120807	24.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	163783	23.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	39354	26.315	ug/L	97
3) Chloromethane	2.221	50	135975	24.538	ug/L	99
5) Vinyl chloride	2.367	62	188168	25.064	ug/L	96
6) Bromomethane	2.787	94	90193	24.714	ug/L	100
8) Chloroethane	2.934	64	87420	25.271	ug/L	98
9) Trichlorofluoromethane	3.269	101	142753	25.204	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	180441	26.601	ug/L	99
12) 1,1-Dichloroethene	4.043	96	175601	26.519	ug/L	96
13) Acetone	4.135	43	95000	69.213	ug/L	99
14) Carbon disulfide	4.391	76	574277	25.863	ug/L	100
15) Methyl Acetate	4.677	43	59135	26.413	ug/L	100
16) Methylene chloride	4.921	84	194694	21.849	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	185667	26.394	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	248248	26.627	ug/L	100
19) 1,1-Dichloroethane	6.220	63	324880	26.211	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	194252	26.661	ug/L	92
22) 2-Butanone	7.177	43	104975	60.710	ug/L	97
23) Bromochloromethane	7.518	128	77095	26.092	ug/L	97
25) Chloroform	7.677	83	327198	26.377	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	194314	25.950	ug/L	99
29) Cyclohexane	7.957	56	321980	27.339	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	282624	27.162	ug/L	100
31) Carbon tetrachloride	8.073	117	254067	26.907	ug/L	100
33) Benzene	8.323	78	749342	27.145	ug/L	100
34) Trichloroethene	9.091	95	194586	26.894	ug/L	97
35) Methylcyclohexane	9.335	83	361590	27.625	ug/L	98
37) 1,2-Dichloropropane	9.372	63	178645	26.897	ug/L	100
38) Bromodichloromethane	9.646	83	227608	26.827	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	270431	27.168	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	166280	56.670	ug/L	100
42) Toluene	10.384	91	787180	27.044	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	221731	27.271	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	117184	26.360	ug/L	98
46) Tetrachloroethene	10.859	164	144652	26.878	ug/L	92
48) 2-Hexanone	10.969	43	139790	65.949	ug/L	98
49) Dibromochloromethane	11.127	129	141659	26.671	ug/L	87
50) 1,2-Dibromoethane	11.237	107	110719	26.825	ug/L	100
51) Chlorobenzene	11.658	112	486555	26.947	ug/L	98
52) Ethylbenzene	11.731	91	877726	26.795	ug/L	99
53) m,p-Xylene	11.835	106	339079	26.980	ug/L	96
54) o-Xylene	12.164	106	319063	27.186	ug/L	96
55) Styrene	12.182	104	537736	27.336	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	132292	26.954	ug/L	94
59) Bromoform	12.347	173	69189	26.504	ug/L	98
60) Isopropylbenzene	12.463	105	879686	26.692	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	94558	25.951	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	760996	27.020	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	737569	27.158	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	346095	25.954	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	336308	25.446	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	297499	25.767	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19215	26.261	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	227977	26.564	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166209	26.142	ug/L	99
71) Naphthalene	15.358	128	318412	27.318	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	141283	26.646	ug/L	97

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

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