

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022145.D
 Acq On : 24 Feb 2022 19:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Feb 25 04:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 25 04:49:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	161071	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	150197	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46520	22.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
7) Chloroethane-d5	2.879	69	32796	19.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	4.019	63	69576	21.626	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	7.074	46	23215	65.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.440%
24) Chloroform-d	7.653	84	87105	24.238	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	45206	24.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	8.275	84	160461	22.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.274	67	45932	23.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.640%
41) Toluene-d8	10.323	98	156665	22.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.579	79	20579	23.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.921	63	21014	65.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	47714	28.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	64801	24.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	9644	21.424	ug/L	94
3) Chloromethane	2.209	50	38493	24.955	ug/L	95
5) Vinyl chloride	2.361	62	57168	24.666	ug/L	100
6) Bromomethane	2.770	94	33589	20.751	ug/L	94
8) Chloroethane	2.916	64	28877	22.179	ug/L	98
9) Trichlorofluoromethane	3.257	101	34811	22.123	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	46987	24.475	ug/L	95
12) 1,1-Dichloroethene	4.038	96	40605	24.404	ug/L	98
13) Acetone	4.123	43	14987	51.948	ug/L	99
14) Carbon disulfide	4.379	76	93224	21.611	ug/L	99
15) Methyl Acetate	4.672	43	18814	28.967	ug/L	95
16) Methylene chloride	4.915	84	43987	22.248	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	45145	24.703	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	73497	29.560	ug/L	99
19) 1,1-Dichloroethane	6.214	63	76338	25.802	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	51862	26.197	ug/L	99
22) 2-Butanone	7.171	43	24542	59.219	ug/L	97
23) Bromochloromethane	7.519	128	25011	25.862	ug/L	98
25) Chloroform	7.671	83	88902	25.753	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	57097	26.853	ug/L	98
29) Cyclohexane	7.958	56	63524	25.414	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76627	25.358	ug/L	99
31) Carbon tetrachloride	8.067	117	71792	24.998	ug/L	99
33) Benzene	8.323	78	183828	25.315	ug/L	100
34) Trichloroethene	9.092	95	50809	24.437	ug/L	98
35) Methylcyclohexane	9.335	83	82294	25.589	ug/L	99
37) 1,2-Dichloropropane	9.366	63	44335	26.170	ug/L	99
38) Bromodichloromethane	9.646	83	63868	26.289	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	71239	27.665	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	57273	62.602	ug/L	98
42) Toluene	10.390	91	215617	26.235	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	63979	27.648	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	40155	26.730	ug/L	98
46) Tetrachloroethene	10.860	164	46170	25.349	ug/L	89
48) 2-Hexanone	10.963	43	41494	65.348	ug/L	97
49) Dibromochloromethane	11.128	129	47665	26.122	ug/L	96
50) 1,2-Dibromoethane	11.238	107	40394	27.878	ug/L #	99
51) Chlorobenzene	11.658	112	147401	25.770	ug/L	97
52) Ethylbenzene	11.725	91	240132	26.400	ug/L	96
53) m,p-Xylene	11.835	106	99595	26.610	ug/L	91
54) o-Xylene	12.164	106	95054	26.991	ug/L	96
55) Styrene	12.176	104	160946	27.261	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	48947	28.082	ug/L	98
59) Bromoform	12.347	173	29567	27.620	ug/L #	99
60) Isopropylbenzene	12.463	105	261027	26.861	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	35370	27.684	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179749	27.817	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	220334	27.901	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	123804	25.682	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	124316	25.734	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	115348	26.913	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7821	28.956	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	89282	25.804	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	72530	27.705	ug/L	97
71) Naphthalene	15.359	128	147243	31.861	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63549	28.065	ug/L	96

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

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