

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
 Data File : VW022153.D
 Acq On : 25 Feb 2022 16:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Feb 28 01:08:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 28 01:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50135	21.994	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	2.879	69	37682	21.011	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	4.019	63	72269	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	7.074	46	22836	59.585	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.160%
24) Chloroform-d	7.653	84	87356	22.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.305	65	45595	22.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	163715	21.740	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	9.274	67	46620	22.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	10.323	98	159077	21.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.579	79	20626	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.960%
47) 2-Hexanone-d5	10.920	63	20270	58.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	48452	26.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	65779	23.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11853	24.268	ug/L	98
3) Chloromethane	2.215	50	40228	24.036	ug/L	95
5) Vinyl chloride	2.361	62	62480	24.846	ug/L	99
6) Bromomethane	2.776	94	38139	21.716	ug/L	91
8) Chloroethane	2.916	64	32737	23.174	ug/L	99
9) Trichlorofluoromethane	3.257	101	38116	22.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	47733	22.916	ug/L	97
12) 1,1-Dichloroethene	4.038	96	41605	23.046	ug/L	98
13) Acetone	4.123	43	17130	54.724	ug/L	97
14) Carbon disulfide	4.385	76	96734	20.668	ug/L	98
15) Methyl Acetate	4.672	43	17673	25.079	ug/L	96
16) Methylene chloride	4.915	84	45856	21.377	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	45268	22.830	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	71867	26.640	ug/L	99
19) 1,1-Dichloroethane	6.214	63	77742	24.218	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	51407	23.933	ug/L	97
22) 2-Butanone	7.171	43	26536	59.014	ug/L	98
23) Bromochloromethane	7.519	128	25014	23.839	ug/L	93
25) Chloroform	7.677	83	90692	24.213	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	56296	24.402	ug/L	97
29) Cyclohexane	7.958	56	65815	24.441	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	78946	24.251	ug/L	99
31) Carbon tetrachloride	8.067	117	74346	24.030	ug/L	100
33) Benzene	8.323	78	184563	23.592	ug/L	100
34) Trichloroethene	9.092	95	51979	23.206	ug/L	93
35) Methylcyclohexane	9.335	83	83819	24.193	ug/L	100
37) 1,2-Dichloropropane	9.366	63	43677	23.932	ug/L	98
38) Bromodichloromethane	9.640	83	63597	24.299	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	71091	25.626	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	55819	56.635	ug/L	100
42) Toluene	10.384	91	216061	24.402	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	64191	25.749	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	40152	24.810	ug/L	94
46) Tetrachloroethene	10.860	164	45583	23.231	ug/L	90
48) 2-Hexanone	10.963	43	40744	59.562	ug/L	97
49) Dibromochloromethane	11.128	129	50117	25.494	ug/L	99
50) 1,2-Dibromoethane	11.237	107	39745	25.461	ug/L	99
51) Chlorobenzene	11.652	112	147770	23.980	ug/L	98
52) Ethylbenzene	11.725	91	242236	24.720	ug/L	97
53) m,p-Xylene	11.835	106	100701	24.974	ug/L	97
54) o-Xylene	12.164	106	94499	24.908	ug/L	88
55) Styrene	12.176	104	161986	25.468	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	49633	26.432	ug/L	97
59) Bromoform	12.347	173	29192	25.013	ug/L	97
60) Isopropylbenzene	12.463	105	265181	25.031	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	35261	25.315	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	183612	26.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	221818	25.765	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	125098	23.804	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	128876	24.471	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	114419	24.488	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7910	26.863	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	98958	26.234	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	77115	27.019	ug/L	98
71) Naphthalene	15.359	128	147430	29.262	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	64407	26.090	ug/L	97

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

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