

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022237.D
 Acq On : 08 Mar 2022 19:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Mar 09 01:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	136802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52077	27.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.360%
7) Chloroethane-d5	2.879	69	42743	29.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.160%
11) 1,1-Dichloroethene-d2	4.019	63	71403	24.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.680%
21) 2-Butanone-d5	7.074	46	19354	61.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.060%
24) Chloroform-d	7.647	84	90958	28.423	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.680%
26) 1,2-Dichloroethane-d4	8.305	65	45839	27.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.240%
32) Benzene-d6	8.275	84	173335	27.225	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.880%
36) 1,2-Dichloropropane-d6	9.274	67	47754	27.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.323	98	170351	26.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.640%
43) trans-1,3-Dichloroprop...	10.579	79	21513	27.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.760%
47) 2-Hexanone-d5	10.920	63	16423	56.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46042	29.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	67811	26.581	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	13905	34.689	ug/L	99
3) Chloromethane	2.215	50	32672	23.786	ug/L	98
5) Vinyl chloride	2.361	62	50706	24.569	ug/L	99
6) Bromomethane	2.776	94	36076	25.029	ug/L	88
8) Chloroethane	2.916	64	32796	28.288	ug/L	94
9) Trichlorofluoromethane	3.257	101	33145	23.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45037	26.345	ug/L	98
12) 1,1-Dichloroethene	4.038	96	36413	24.577	ug/L	97
13) Acetone	4.117	43	12670	49.319	ug/L	96
14) Carbon disulfide	4.379	76	73422	19.114	ug/L	99
15) Methyl Acetate	4.672	43	15034	25.994	ug/L	98
16) Methylene chloride	4.909	84	47834	27.170	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	39745	24.423	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	61243	27.661	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	69932	26.544	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	46373	26.305	ug/L	99
22) 2-Butanone	7.171	43	21079	57.119	ug/L	100
23) Bromochloromethane	7.513	128	22510	26.139	ug/L	94
25) Chloroform	7.677	83	84540	27.502	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	51303	27.096	ug/L	97
29) Cyclohexane	7.952	56	53359	23.437	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	72183	26.226	ug/L	98
31) Carbon tetrachloride	8.067	117	67570	25.832	ug/L	98
33) Benzene	8.323	78	168161	25.425	ug/L	100
34) Trichloroethene	9.092	95	46762	24.693	ug/L	94
35) Methylcyclohexane	9.335	83	68850	23.505	ug/L	98
37) 1,2-Dichloropropane	9.366	63	41155	26.672	ug/L	99
38) Bromodichloromethane	9.640	83	61041	27.586	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	65875	28.086	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	47826	57.395	ug/L	100
42) Toluene	10.384	91	197978	26.447	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	59797	28.371	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	37007	27.047	ug/L	96
46) Tetrachloroethene	10.860	164	41227	24.851	ug/L	93
48) 2-Hexanone	10.969	43	33736	58.332	ug/L	97
49) Dibromochloromethane	11.128	129	47429	28.537	ug/L	94
50) 1,2-Dibromoethane	11.231	107	35809	27.133	ug/L	100
51) Chlorobenzene	11.658	112	138784	26.639	ug/L	97
52) Ethylbenzene	11.731	91	220878	26.661	ug/L	99
53) m,p-Xylene	11.835	106	91611	26.873	ug/L	100
54) o-Xylene	12.164	106	88473	27.582	ug/L	98
55) Styrene	12.176	104	149631	27.826	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	45633	28.744	ug/L	98
59) Bromoform	12.347	173	26250	24.992	ug/L #	98
60) Isopropylbenzene	12.463	105	245859	25.786	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32024	25.546	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	169036	26.661	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	206640	26.669	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	116693	24.672	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	119930	25.303	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	110575	26.295	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6852	25.856	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	86903	25.599	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	69759	27.158	ug/L	98
71) Naphthalene	15.359	128	132874	29.303	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	61714	27.777	ug/L	95

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

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