

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020131.D
 Acq On : 23 Sep 2021 08:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Sep 24 01:34:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 23 01:24:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	333019	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	173064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	150276	22.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
7) Chloroethane-d5	2.897	69	120365	23.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	4.031	63	238492	22.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.074	46	53050	50.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.920%
24) Chloroform-d	7.653	84	257436	24.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.305	65	139066	24.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	8.275	84	482185	23.547	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	9.274	67	138239	23.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.323	98	445448	23.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	10.579	79	60432	23.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.926	63	43660	53.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118839	25.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	152131	23.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.013	85	77472	26.560	ug/L	99
3) Chloromethane	2.221	50	107974	26.770	ug/L	99
5) Vinyl chloride	2.373	62	173433	27.384	ug/L	97
6) Bromomethane	2.788	94	111290	27.182	ug/L	96
8) Chloroethane	2.934	64	105755	27.613	ug/L	96
9) Trichlorofluoromethane	3.269	101	115687	25.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	127770	26.229	ug/L	98
12) 1,1-Dichloroethene	4.044	96	114883	26.013	ug/L	93
13) Acetone	4.123	43	54081	60.064	ug/L	98
14) Carbon disulfide	4.391	76	379652	27.335	ug/L	99
15) Methyl Acetate	4.672	43	46568	27.046	ug/L	99
16) Methylene chloride	4.915	84	127692	21.730	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	122251	26.276	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	138623	25.099	ug/L	100
19) 1,1-Dichloroethane	6.220	63	226929	26.445	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	126247	26.681	ug/L	98
22) 2-Butanone	7.171	43	66273	56.734	ug/L	98
23) Bromochloromethane	7.512	128	56006	26.111	ug/L	95
25) Chloroform	7.677	83	241458	26.907	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	160271	27.139	ug/L	99
29) Cyclohexane	7.964	56	192433	26.943	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	200029	25.150	ug/L	99
31) Carbon tetrachloride	8.073	117	188737	26.081	ug/L	99
33) Benzene	8.329	78	517122	26.696	ug/L	100
34) Trichloroethene	9.091	95	131236	25.308	ug/L	99
35) Methylcyclohexane	9.335	83	230004	27.222	ug/L	99
37) 1,2-Dichloropropane	9.366	63	127196	26.510	ug/L	100
38) Bromodichloromethane	9.646	83	172701	26.580	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	188548	26.643	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	134124	55.504	ug/L	99
42) Toluene	10.390	91	574771	27.928	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	174628	27.472	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	93057	26.451	ug/L	98
46) Tetrachloroethene	10.866	164	105764	26.387	ug/L	98
48) 2-Hexanone	10.969	43	100174	59.511	ug/L	99
49) Dibromochloromethane	11.128	129	109925	26.739	ug/L	93
50) 1,2-Dibromoethane	11.237	107	86172	26.026	ug/L	96
51) Chlorobenzene	11.658	112	357261	26.691	ug/L	99
52) Ethylbenzene	11.731	91	624288	27.541	ug/L	98
53) m,p-Xylene	11.841	106	239691	27.736	ug/L	97
54) o-Xylene	12.164	106	222707	27.859	ug/L	99
55) Styrene	12.182	104	401073	28.873	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	114274	27.194	ug/L	97
59) Bromoform	12.347	173	59307	25.134	ug/L	100
60) Isopropylbenzene	12.463	105	616952	26.587	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83698	25.612	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	514606	27.022	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	520830	27.841	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	266960	25.086	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	275575	25.058	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	246348	25.418	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18715	25.512	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	179105	24.333	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	139441	24.547	ug/L	93
71) Naphthalene	15.365	128	267614	26.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	125635	24.562	ug/L	98

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

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