

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020260.D
 Acq On : 30 Sep 2021 08:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Oct 01 00:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	259978	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	231320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126102	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103505	19.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.840%
7) Chloroethane-d5	2.891	69	98974	24.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	4.025	63	149324	17.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.720%
21) 2-Butanone-d5	7.080	46	44271	53.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.880%
24) Chloroform-d	7.647	84	190336	23.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.299	65	99472	22.605	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	8.275	84	361456	24.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	9.274	67	100508	23.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.323	98	343816	25.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	10.579	79	47071	25.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.160%
47) 2-Hexanone-d5	10.920	63	36175	61.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	89054	27.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	128254	27.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.480%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.013	85	60657	26.638	ug/L	95
3) Chloromethane	2.215	50	78892	25.055	ug/L	99
5) Vinyl chloride	2.367	62	133578	27.017	ug/L	96
6) Bromomethane	2.782	94	95773	29.964	ug/L	99
8) Chloroethane	2.928	64	87664	29.320	ug/L	97
9) Trichlorofluoromethane	3.263	101	71203	20.469	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	90361	23.761	ug/L	96
12) 1,1-Dichloroethene	4.050	96	83870	24.326	ug/L #	72
13) Acetone	4.123	43	30451	43.321	ug/L	72
14) Carbon disulfide	4.391	76	237478	21.903	ug/L	100
15) Methyl Acetate	4.678	43	30516	22.702	ug/L	92
16) Methylene chloride	4.921	84	91515	19.949	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	88395	24.337	ug/L	88
18) Methyl tert-butyl Ether	5.427	73	103181	23.930	ug/L #	86
19) 1,1-Dichloroethane	6.226	63	153704	22.944	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	95406	25.828	ug/L	96
22) 2-Butanone	7.171	43	46384	50.863	ug/L	91
23) Bromochloromethane	7.512	128	48209	28.791	ug/L	85
25) Chloroform	7.683	83	166588	23.780	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	104520	22.671	ug/L	99
29) Cyclohexane	7.957	56	126869	24.648	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	137501	23.988	ug/L	97
31) Carbon tetrachloride	8.067	117	134139	25.720	ug/L	99
33) Benzene	8.323	78	364285	26.094	ug/L	100
34) Trichloroethene	9.091	95	111080	29.723	ug/L	99
35) Methylcyclohexane	9.335	83	166168	27.289	ug/L	93
37) 1,2-Dichloropropane	9.372	63	84017	24.298	ug/L	99
38) Bromodichloromethane	9.646	83	119112	25.438	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	130122	25.514	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	93401	53.633	ug/L	93
42) Toluene	10.390	91	395389	26.658	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	119681	26.125	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	67052	26.446	ug/L	98
46) Tetrachloroethene	10.859	164	78051	27.021	ug/L	96
48) 2-Hexanone	10.969	43	69553	57.334	ug/L	96
49) Dibromochloromethane	11.128	129	79450	26.817	ug/L	97
50) 1,2-Dibromoethane	11.231	107	63832	26.751	ug/L	99
51) Chlorobenzene	11.658	112	252053	26.129	ug/L	94
52) Ethylbenzene	11.731	91	429890	26.315	ug/L	100
53) m,p-Xylene	11.841	106	177155	28.445	ug/L	92
54) o-Xylene	12.164	106	161912	28.104	ug/L	89
55) Styrene	12.182	104	278158	27.786	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	81071	26.770	ug/L	96
59) Bromoform	12.347	173	46342	26.954	ug/L	100
60) Isopropylbenzene	12.463	105	435032	25.729	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	58471	24.556	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	368105	26.528	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	373454	27.397	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	202513	26.117	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	203362	25.378	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	188984	26.760	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	13369	25.012	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	167386	31.210	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	128312	31.000	ug/L	98
71) Naphthalene	15.365	128	235147	32.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	114611	30.752	ug/L	97

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

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