

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019946.D
 Acq On : 31 Aug 2021 09:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Sep 01 00:56:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 31 01:00:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	304222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	292262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111315	23.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
7) Chloroethane-d5	2.898	69	104329	25.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.032	63	185971	22.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.080	46	47193	49.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.580%
24) Chloroform-d	7.647	84	213589	25.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.120%
26) 1,2-Dichloroethane-d4	8.305	65	112757	25.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	408911	24.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.274	67	121599	24.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	372915	24.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.579	79	49738	23.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.927	63	34551	49.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108907	26.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	122811	24.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	69651	23.362	ug/L	96
3) Chloromethane	2.221	50	87781	23.659	ug/L	99
5) Vinyl chloride	2.367	62	152079	27.639	ug/L	97
6) Bromomethane	2.788	94	108443	26.559	ug/L	100
8) Chloroethane	2.934	64	98873	27.411	ug/L	100
9) Trichlorofluoromethane	3.269	101	88743	25.075	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	114351	27.221	ug/L	97
12) 1,1-Dichloroethene	4.044	96	105981	25.726	ug/L	99
13) Acetone	4.129	43	42223	51.660	ug/L	91
14) Carbon disulfide	4.391	76	328012	24.894	ug/L	100
15) Methyl Acetate	4.672	43	43234	25.412	ug/L	100
16) Methylene chloride	4.922	84	118558	22.706	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	112629	26.025	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	128587	25.813	ug/L	97
19) 1,1-Dichloroethane	6.220	63	202150	26.352	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	117592	26.845	ug/L	100
22) 2-Butanone	7.177	43	56024	52.896	ug/L	98
23) Bromochloromethane	7.519	128	53804	27.446	ug/L	93
25) Chloroform	7.677	83	214322	27.005	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	137792	26.615	ug/L	98
29) Cyclohexane	7.958	56	176992	25.788	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	172994	26.485	ug/L	99
31) Carbon tetrachloride	8.073	117	164307	26.984	ug/L	99
33) Benzene	8.330	78	485146	27.047	ug/L	100
34) Trichloroethene	9.092	95	119440	25.614	ug/L	93
35) Methylcyclohexane	9.335	83	214004	26.756	ug/L	99
37) 1,2-Dichloropropane	9.372	63	117504	26.450	ug/L	100
38) Bromodichloromethane	9.646	83	150507	26.152	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	171419	26.203	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	123685	52.359	ug/L	97
42) Toluene	10.390	91	523138	27.532	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	153315	26.625	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	88204	27.425	ug/L	97
46) Tetrachloroethene	10.860	164	92616	26.220	ug/L	93
48) 2-Hexanone	10.969	43	86565	52.642	ug/L	97
49) Dibromochloromethane	11.128	129	99626	27.080	ug/L	95
50) 1,2-Dibromoethane	11.238	107	81038	26.827	ug/L	97
51) Chlorobenzene	11.658	112	321706	26.657	ug/L	97
52) Ethylbenzene	11.731	91	553456	27.055	ug/L	99
53) m,p-Xylene	11.841	106	220200	28.030	ug/L	99
54) o-Xylene	12.164	106	203312	27.359	ug/L	98
55) Styrene	12.182	104	352585	27.768	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104871	26.590	ug/L	99
59) Bromoform	12.347	173	52741	26.690	ug/L	98
60) Isopropylbenzene	12.463	105	551978	27.371	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77002	26.388	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	456158	28.340	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457092	28.016	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	244309	27.173	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	241424	26.123	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	224117	27.450	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15315	24.075	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	162793	26.278	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	132874	27.913	ug/L	98
71) Naphthalene	15.365	128	253798	26.732	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	116732	26.482	ug/L	98

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

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