

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061121\
 Data File : VW019190.D
 Acq On : 11 Jun 2021 09:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025111

Quant Time: Jun 12 00:17:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 11 01:12:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	520806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	465048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	231266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145968	21.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
7) Chloroethane-d5	2.897	69	135238	23.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	4.025	63	328427	24.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.092	46	63920	35.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.860%
24) Chloroform-d	7.653	84	328411	23.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.305	65	163804	20.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.440%
32) Benzene-d6	8.274	84	622949	23.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	9.274	67	186391	23.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.323	98	569382	23.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	10.579	79	73792	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.926	63	52376	38.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	136729	20.635	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	179870	22.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	181245	26.862	ug/L	95
3) Chloromethane	2.221	50	168920	27.078	ug/L	99
5) Vinyl chloride	2.367	62	262240	27.539	ug/L	97
6) Bromomethane	2.794	94	167325	23.631	ug/L	99
8) Chloroethane	2.934	64	154835	27.350	ug/L	100
9) Trichlorofluoromethane	3.269	101	160783	30.764	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	201092	26.900	ug/L	98
12) 1,1-Dichloroethene	4.044	96	200692	27.176	ug/L	96
13) Acetone	4.147	43	76521	47.870	ug/L	87
14) Carbon disulfide	4.391	76	628331	26.918	ug/L	99
15) Methyl Acetate	4.684	43	59254	18.429	ug/L	96
16) Methylene chloride	4.921	84	203386	21.046	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	208426	26.196	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	233599	22.712	ug/L	98
19) 1,1-Dichloroethane	6.220	63	372755	26.394	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	208785	25.203	ug/L	95
22) 2-Butanone	7.183	43	92651	43.349	ug/L	98
23) Bromochloromethane	7.519	128	86130	23.634	ug/L	95
25) Chloroform	7.677	83	372987	25.895	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227147	23.288	ug/L	100
29) Cyclohexane	7.957	56	340721	28.156	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	300734	28.104	ug/L	99
31) Carbon tetrachloride	8.067	117	278793	28.217	ug/L	100
33) Benzene	8.323	78	826867	27.032	ug/L	100
34) Trichloroethene	9.091	95	217462	27.272	ug/L	95
35) Methylcyclohexane	9.335	83	383742	27.966	ug/L	98
37) 1,2-Dichloropropane	9.372	63	199285	26.522	ug/L	98
38) Bromodichloromethane	9.646	83	255623	26.228	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	298941	25.677	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	176516	39.446	ug/L	95
42) Toluene	10.390	91	900120	27.351	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	252437	24.564	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	130960	23.148	ug/L	97
46) Tetrachloroethene	10.859	164	157139	25.781	ug/L	96
48) 2-Hexanone	10.969	43	133305	44.314	ug/L	95
49) Dibromochloromethane	11.128	129	154476	24.636	ug/L	100
50) 1,2-Dibromoethane	11.237	107	119365	21.778	ug/L	96
51) Chlorobenzene	11.658	112	519161	25.557	ug/L	95
52) Ethylbenzene	11.731	91	991868	27.398	ug/L	98
53) m,p-Xylene	11.841	106	358647	26.864	ug/L	95
54) o-Xylene	12.164	106	341626	26.863	ug/L	95
55) Styrene	12.182	104	582235	26.622	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	151293	21.700	ug/L	99
59) Bromoform	12.347	173	75867	21.294	ug/L	96
60) Isopropylbenzene	12.463	105	970254	28.023	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	111437	21.538	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	778830	27.388	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	785752	27.680	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	399782	26.456	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	396709	25.674	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	346174	25.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22469	19.839	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	286736	26.263	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	222023	24.778	ug/L	97
71) Naphthalene	15.365	128	389730	21.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	190259	23.964	ug/L	98

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

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