

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019887.D
 Acq On : 24 Aug 2021 20:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Aug 25 01:03:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	543413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	506818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	253786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175178	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.897	69	146402	19.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	4.031	63	346954	23.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.000%
21) 2-Butanone-d5	7.086	46	89023	52.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.100%
24) Chloroform-d	7.653	84	373015	24.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.311	65	199903	24.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.280%
32) Benzene-d6	8.281	84	711322	24.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	9.274	67	216425	24.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	10.323	98	653593	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.579	79	96255	26.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.520%
47) 2-Hexanone-d5	10.926	63	65672	53.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	176050	24.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	223523	25.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	128686	24.164	ug/L	98
3) Chloromethane	2.221	50	138172	20.849	ug/L	99
5) Vinyl chloride	2.373	62	217161	22.095	ug/L	99
6) Bromomethane	2.788	94	140966	19.328	ug/L	95
8) Chloroethane	2.934	64	133022	20.645	ug/L	99
9) Trichlorofluoromethane	3.269	101	145617	23.034	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	194919	25.976	ug/L	97
12) 1,1-Dichloroethene	4.056	96	182885	24.853	ug/L	96
13) Acetone	4.141	43	62176	42.588	ug/L	90
14) Carbon disulfide	4.391	76	551495	23.432	ug/L	99
15) Methyl Acetate	4.678	43	76481	25.167	ug/L	100
16) Methylene chloride	4.928	84	234488	25.142	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	199060	25.751	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	260169	29.238	ug/L	98
19) 1,1-Dichloroethane	6.226	63	358835	26.188	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	211294	27.004	ug/L	96
22) 2-Butanone	7.177	43	96148	50.822	ug/L	100
23) Bromochloromethane	7.525	128	90342	25.799	ug/L	90
25) Chloroform	7.683	83	365998	25.818	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	240063	25.959	ug/L	99
29) Cyclohexane	7.964	56	314424	26.418	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	295090	26.052	ug/L	98
31) Carbon tetrachloride	8.073	117	261822	24.796	ug/L	100
33) Benzene	8.329	78	785848	25.264	ug/L	100
34) Trichloroethene	9.091	95	206205	25.500	ug/L	95
35) Methylcyclohexane	9.335	83	366385	26.415	ug/L	98
37) 1,2-Dichloropropane	9.372	63	193302	25.092	ug/L	99
38) Bromodichloromethane	9.646	83	252169	25.268	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	306314	27.001	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	219922	53.686	ug/L	97
42) Toluene	10.390	91	849552	25.783	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	266768	26.715	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	142778	25.600	ug/L	98
46) Tetrachloroethene	10.865	164	155958	25.461	ug/L	97
48) 2-Hexanone	10.969	43	150784	52.877	ug/L	96
49) Dibromochloromethane	11.128	129	162840	25.524	ug/L	96
50) 1,2-Dibromoethane	11.237	107	135842	25.932	ug/L	99
51) Chlorobenzene	11.658	112	534553	25.543	ug/L	98
52) Ethylbenzene	11.731	91	933269	26.308	ug/L	98
53) m,p-Xylene	11.841	106	364903	26.786	ug/L	99
54) o-Xylene	12.164	106	354587	27.516	ug/L	98
55) Styrene	12.182	104	599395	27.221	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	168686	24.664	ug/L	98
59) Bromoform	12.353	173	83938	24.911	ug/L	97
60) Isopropylbenzene	12.463	105	947823	27.563	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	126068	25.336	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	809953	29.510	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	809717	29.105	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	415654	27.112	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	397813	25.244	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	368301	26.454	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28091	25.897	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	299799	28.380	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	249445	30.731	ug/L	97
71) Naphthalene	15.365	128	528913	32.671	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	214298	28.511	ug/L	98

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

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