

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020676.D
 Acq On : 21 Oct 2021 19:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Oct 22 02:02:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 22 01:58:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	170198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	182319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96638	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	62512	26.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.000%
7) Chloroethane-d5	2.879	69	22414	24.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	4.013	63	93008	21.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.520%
21) 2-Butanone-d5	7.080	46	32804	42.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.780%
24) Chloroform-d	7.647	84	108359	21.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.305	65	65301	22.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.080%
32) Benzene-d6	8.275	84	205305	19.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.720%
36) 1,2-Dichloropropane-d6	9.275	67	64936	18.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.680%
41) Toluene-d8	10.323	98	199427	21.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	10.579	79	30227	20.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	10.927	63	28182	45.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	71992	25.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	76076	23.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	22904	19.615	ug/L	99
3) Chloromethane	2.209	50	65095	28.086	ug/L	99
5) Vinyl chloride	2.355	62	81816	27.561	ug/L	100
6) Bromomethane	2.770	94	31709	28.012	ug/L	95
8) Chloroethane	2.916	64	20625	24.815	ug/L	98
9) Trichlorofluoromethane	3.251	101	35027	29.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	56659	23.483	ug/L	93
12) 1,1-Dichloroethene	4.038	96	51160	23.500	ug/L	88
13) Acetone	4.129	43	32056	45.472	ug/L	96
14) Carbon disulfide	4.379	76	155242	21.711	ug/L	99
15) Methyl Acetate	4.672	43	31105	22.158	ug/L	97
16) Methylene chloride	4.909	84	65884	21.464	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	56604	23.723	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	96720	27.445	ug/L	97
19) 1,1-Dichloroethane	6.214	63	108086	21.955	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	63136	25.771	ug/L	91
22) 2-Butanone	7.177	43	44103	46.940	ug/L	97
23) Bromochloromethane	7.513	128	30086	26.793	ug/L	83
25) Chloroform	7.677	83	114799	23.776	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	84654	24.501	ug/L	97
29) Cyclohexane	7.958	56	101266	20.138	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	92329	21.588	ug/L	98
31) Carbon tetrachloride	8.074	117	84100	22.179	ug/L	99
33) Benzene	8.324	78	253535	20.363	ug/L	100
34) Trichloroethene	9.092	95	64142	21.461	ug/L	98
35) Methylcyclohexane	9.336	83	111803	21.872	ug/L	94
37) 1,2-Dichloropropane	9.366	63	64812	20.444	ug/L #	97
38) Bromodichloromethane	9.646	83	84514	21.851	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	99912	22.737	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	95998	44.944	ug/L	96
42) Toluene	10.390	91	276796	22.616	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	93211	23.426	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	50603	23.428	ug/L	97
46) Tetrachloroethene	10.866	164	54772	24.395	ug/L	97
48) 2-Hexanone	10.969	43	74077	46.374	ug/L	98
49) Dibromochloromethane	11.128	129	60429	25.700	ug/L	99
50) 1,2-Dibromoethane	11.238	107	51736	25.921	ug/L #	98
51) Chlorobenzene	11.658	112	196275	25.816	ug/L	97
52) Ethylbenzene	11.731	91	362673	27.203	ug/L	98
53) m,p-Xylene	11.841	106	134183	27.272	ug/L	96
54) o-Xylene	12.164	106	129541	28.255	ug/L	92
55) Styrene	12.183	104	233839	29.050	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	78065	28.342	ug/L	99
59) Bromoform	12.347	173	38548	27.372	ug/L	99
60) Isopropylbenzene	12.463	105	347270	26.650	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	59665	27.026	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	293065	27.553	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	295533	27.782	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	145300	25.243	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	154065	25.874	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	138451	26.492	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	13508	27.204	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	104025	25.863	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	83574	25.936	ug/L	99
71) Naphthalene	15.365	128	187419	30.052	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	80079	27.277	ug/L	97

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

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