

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020525.D
 Acq On : 15 Oct 2021 10:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Oct 16 06:53:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	210766	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	195096	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53825	17.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.200%
7) Chloroethane-d5	2.885	69	34150	21.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	4.019	63	132705	21.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.480%
21) 2-Butanone-d5	7.086	46	45192	48.419	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.840%
24) Chloroform-d	7.647	84	151903	22.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.305	65	85669	22.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	8.275	84	277136	21.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	9.275	67	92047	22.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	10.323	98	249601	21.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.720%
43) trans-1,3-Dichloroprop...	10.579	79	39208	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.927	63	32038	49.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73608	23.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	86981	21.862	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	22181	16.286	ug/L	97
3) Chloromethane	2.209	50	65028	22.963	ug/L	95
5) Vinyl chloride	2.361	62	92347	23.185	ug/L	97
6) Bromomethane	2.776	94	37754	21.823	ug/L	96
8) Chloroethane	2.922	64	36511	24.824	ug/L	93
9) Trichlorofluoromethane	3.257	101	55309	24.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	77388	23.944	ug/L	100
12) 1,1-Dichloroethene	4.038	96	71035	23.971	ug/L	96
13) Acetone	4.135	43	46165	53.874	ug/L	98
14) Carbon disulfide	4.379	76	216864	22.499	ug/L	100
15) Methyl Acetate	4.678	43	37494	23.561	ug/L	100
16) Methylene chloride	4.916	84	80056	19.539	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	74024	23.809	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	111194	25.385	ug/L	99
19) 1,1-Dichloroethane	6.214	63	152785	23.971	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	79000	24.446	ug/L	97
22) 2-Butanone	7.177	43	54630	50.930	ug/L	98
23) Bromochloromethane	7.513	128	34010	23.995	ug/L	97
25) Chloroform	7.677	83	149449	24.119	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	102161	24.106	ug/L	99
29) Cyclohexane	7.958	56	146325	25.618	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	117291	24.200	ug/L	99
31) Carbon tetrachloride	8.067	117	105193	24.686	ug/L	100
33) Benzene	8.324	78	331211	23.835	ug/L	100
34) Trichloroethene	9.092	95	82171	24.003	ug/L	99
35) Methylcyclohexane	9.336	83	144046	24.588	ug/L	99
37) 1,2-Dichloropropane	9.372	63	86964	24.166	ug/L	99
38) Bromodichloromethane	9.646	83	104078	24.123	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	124787	25.134	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	106119	49.132	ug/L	99
42) Toluene	10.390	91	345672	24.800	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	110675	25.286	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	55565	24.049	ug/L	97
46) Tetrachloroethene	10.866	164	60442	24.581	ug/L	97
48) 2-Hexanone	10.969	43	83135	52.462	ug/L	100
49) Dibromochloromethane	11.134	129	60851	23.905	ug/L	97
50) 1,2-Dibromoethane	11.238	107	50783	23.928	ug/L	97
51) Chlorobenzene	11.658	112	206768	24.057	ug/L	99
52) Ethylbenzene	11.731	91	383114	25.347	ug/L	96
53) m,p-Xylene	11.841	106	142236	25.398	ug/L	98
54) o-Xylene	12.164	106	132839	25.685	ug/L	93
55) Styrene	12.183	104	235893	26.086	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	68100	23.776	ug/L	99
59) Bromoform	12.353	173	32790	23.014	ug/L	96
60) Isopropylbenzene	12.463	105	376369	25.213	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	50537	22.555	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	311473	25.556	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	314463	26.048	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	155106	24.014	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	158151	23.672	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	141297	23.878	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	10754	22.596	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	110685	24.032	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	88789	24.347	ug/L	97
71) Naphthalene	15.365	128	162581	24.796	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	76970	24.030	ug/L	97

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

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