

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021769.D
 Acq On : 07 Jan 2022 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jan 07 21:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	160396	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	153324	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	64732	20.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.885	69	49380	23.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.019	63	114079	24.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.600%
21) 2-Butanone-d5	7.086	46	19298	41.709	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.420%
24) Chloroform-d	7.653	84	128976	25.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	58937	22.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.274	84	249305	27.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.520%
36) 1,2-Dichloropropane-d6	9.274	67	66644	26.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	10.323	98	248082	27.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	10.579	79	27205	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	10.920	63	17048	45.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	47760	23.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	91114	25.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	18594	19.550	ug/L	94
3) Chloromethane	2.215	50	47388	19.291	ug/L	97
5) Vinyl chloride	2.361	62	69055	19.060	ug/L	97
6) Bromomethane	2.788	94	49459	20.980	ug/L	98
8) Chloroethane	2.922	64	35548	20.590	ug/L	97
9) Trichlorofluoromethane	3.263	101	55856	25.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	61579	23.195	ug/L	91
12) 1,1-Dichloroethene	4.043	96	56105	23.628	ug/L	76
13) Acetone	4.141	43	12261	31.211	ug/L	85
14) Carbon disulfide	4.385	76	151521	22.051	ug/L	99
15) Methyl Acetate	4.677	43	13660	18.224	ug/L	# 82
16) Methylene chloride	4.915	84	54395	18.997	ug/L	77
17) trans-1,2-Dichloroethene	5.433	96	60817	24.245	ug/L	76
18) Methyl tert-butyl Ether	5.427	73	72593	20.783	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	89991	22.995	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	63150	24.252	ug/L	71
22) 2-Butanone	7.177	43	18561	34.754	ug/L	80
23) Bromochloromethane	7.518	128	30061	23.883	ug/L	# 55
25) Chloroform	7.677	83	102539	22.714	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	57554	19.656	ug/L	96
29) Cyclohexane	7.957	56	86368	24.359	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	94729	23.416	ug/L #	92
31) Carbon tetrachloride	8.067	117	92649	23.552	ug/L	99
33) Benzene	8.323	78	222838	23.820	ug/L	100
34) Trichloroethene	9.091	95	65772	24.766	ug/L	88
35) Methylcyclohexane	9.335	83	111748	25.504	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	47618	22.967	ug/L #	95
38) Bromodichloromethane	9.646	83	67637	21.374	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	78500	23.174	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	40791	35.715	ug/L #	87
42) Toluene	10.390	91	257981	23.889	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	64195	21.092	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	38665	22.453	ug/L	94
46) Tetrachloroethene	10.859	164	61558	24.752	ug/L	97
48) 2-Hexanone	10.969	43	29548	38.096	ug/L #	88
49) Dibromochloromethane	11.128	129	50017	21.617	ug/L	99
50) 1,2-Dibromoethane	11.231	107	37831	21.874	ug/L #	98
51) Chlorobenzene	11.658	112	171788	24.654	ug/L	89
52) Ethylbenzene	11.731	91	282321	23.290	ug/L	94
53) m,p-Xylene	11.835	106	119075	24.515	ug/L	77
54) o-Xylene	12.164	106	112068	24.343	ug/L	81
55) Styrene	12.182	104	180157	22.786	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	38565	20.245	ug/L #	93
59) Bromoform	12.347	173	26382	19.723	ug/L	98
60) Isopropylbenzene	12.463	105	306030	23.954	ug/L	93
61) 1,2,3-Trichloropropane	12.767	75	27954	19.932	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	258291	23.913	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	252935	23.575	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	141583	23.471	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	137717	22.896	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	121908	23.148	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4956	16.048	ug/L #	47
69) 1,3,5-Trichlorobenzene	14.627	180	106060	23.935	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	81302	22.986	ug/L	94
71) Naphthalene	15.365	128	121888	21.180	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	66070	22.190	ug/L	96

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

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