

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022129.D
 Acq On : 24 Feb 2022 09:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Feb 25 04:45:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:35:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	145057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48053	23.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
7) Chloroethane-d5	2.879	69	35913	22.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	4.013	63	74980	24.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%
21) 2-Butanone-d5	7.080	46	19670	57.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.720%
24) Chloroform-d	7.647	84	88058	25.238	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	8.305	65	45356	25.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	163237	24.180	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	9.275	67	46513	24.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.323	98	159469	23.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	10.579	79	20300	24.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.921	63	17405	56.445	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43982	26.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	62599	25.720	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	9591	21.945	ug/L	95
3) Chloromethane	2.215	50	37437	24.998	ug/L	95
5) Vinyl chloride	2.361	62	55981	24.878	ug/L	99
6) Bromomethane	2.776	94	35585	22.643	ug/L	91
8) Chloroethane	2.916	64	30215	23.903	ug/L	97
9) Trichlorofluoromethane	3.257	101	41641	27.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48006	25.756	ug/L	98
12) 1,1-Dichloroethene	4.038	96	40726	25.211	ug/L	99
13) Acetone	4.129	43	15974	57.030	ug/L	99
14) Carbon disulfide	4.379	76	98998	23.638	ug/L	96
15) Methyl Acetate	4.672	43	15885	25.191	ug/L	99
16) Methylene chloride	4.916	84	42941	22.371	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	43887	24.735	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	64615	26.767	ug/L	99
19) 1,1-Dichloroethane	6.214	63	75440	26.263	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	49654	25.834	ug/L	93
22) 2-Butanone	7.171	43	23779	59.099	ug/L	95
23) Bromochloromethane	7.513	128	24377	25.963	ug/L	96
25) Chloroform	7.671	83	87124	25.995	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	54425	26.364	ug/L	97
29) Cyclohexane	7.952	56	63306	26.224	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76136	26.088	ug/L	99
31) Carbon tetrachloride	8.067	117	72667	26.199	ug/L	99
33) Benzene	8.323	78	180073	25.676	ug/L	100
34) Trichloroethene	9.092	95	51579	25.686	ug/L	96
35) Methylcyclohexane	9.335	83	80427	25.895	ug/L	98
37) 1,2-Dichloropropane	9.366	63	42457	25.950	ug/L	100
38) Bromodichloromethane	9.646	83	63607	27.110	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	68259	27.447	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	48972	55.426	ug/L	98
42) Toluene	10.384	91	212205	26.734	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	59695	26.711	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	37430	25.799	ug/L	94
46) Tetrachloroethene	10.866	164	43032	24.463	ug/L	87
48) 2-Hexanone	10.969	43	37508	61.164	ug/L	99
49) Dibromochloromethane	11.128	129	46453	26.360	ug/L	96
50) 1,2-Dibromoethane	11.232	107	36988	26.432	ug/L	94
51) Chlorobenzene	11.658	112	142899	25.868	ug/L	100
52) Ethylbenzene	11.725	91	235424	26.799	ug/L	98
53) m,p-Xylene	11.835	106	98163	27.157	ug/L	89
54) o-Xylene	12.164	106	91518	26.908	ug/L	96
55) Styrene	12.176	104	155347	27.245	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	44845	26.640	ug/L	98
59) Bromoform	12.347	173	27728	27.670	ug/L #	98
60) Isopropylbenzene	12.463	105	252317	27.738	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	32433	27.118	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	168082	27.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	208367	28.187	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	120084	26.612	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	122401	27.068	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	104839	26.132	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6744	26.674	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	80858	24.965	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	63963	26.101	ug/L	99
71) Naphthalene	15.359	128	122227	28.253	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	57406	27.083	ug/L	95

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

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