

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021523\
 Data File : VW025338.D
 Acq On : 15 Feb 2023 14:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Feb 15 22:07:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	339457	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	155607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	62643	19.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
7) Chloroethane-d5	2.893	69	60290	20.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.027	63	190882	20.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.840%
21) 2-Butanone-d5	7.075	46	48526	56.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.648	84	211384	23.758	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.307	65	108483	25.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.270	84	396830	21.723	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.270	67	115692	21.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.600%
41) Toluene-d8	10.319	98	364539	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	10.575	79	48499	24.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%
47) 2-Hexanone-d5	10.922	63	39999	66.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92678	25.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	121217	22.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99588	21.681	ug/L	94
3) Chloromethane	2.223	50	94680	21.474	ug/L	96
5) Vinyl chloride	2.375	62	107192	23.871	ug/L	96
6) Bromomethane	2.783	94	71834	23.364	ug/L	97
8) Chloroethane	2.930	64	66035	23.557	ug/L	98
9) Trichlorofluoromethane	3.265	101	119348	18.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	119452	25.505	ug/L	94
12) 1,1-Dichloroethene	4.039	96	111409	23.963	ug/L	98
13) Acetone	4.112	43	56275	59.851	ug/L	98
14) Carbon disulfide	4.387	76	327733	21.571	ug/L	100
15) Methyl Acetate	4.661	43	43589	27.092	ug/L	99
16) Methylene chloride	4.917	84	134796	23.327	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	121179	24.270	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	169253	23.581	ug/L	99
19) 1,1-Dichloroethane	6.216	63	224184	25.216	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	132708	25.314	ug/L	98
22) 2-Butanone	7.167	43	63583	55.608	ug/L	100
23) Bromochloromethane	7.514	128	54800	25.378	ug/L	92
25) Chloroform	7.673	83	235851	25.790	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152025	27.295	ug/L	99
29) Cyclohexane	7.953	56	194949	22.460	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	205377	24.023	ug/L	99
31) Carbon tetrachloride	8.069	117	192779	24.380	ug/L	98
33) Benzene	8.319	78	497404	23.848	ug/L	100
34) Trichloroethene	9.087	95	137814	23.589	ug/L	98
35) Methylcyclohexane	9.331	83	234967	22.532	ug/L	99
37) 1,2-Dichloropropane	9.361	63	121643	23.647	ug/L	100
38) Bromodichloromethane	9.642	83	166802	24.386	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	201240	23.892	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	121608	53.540	ug/L	99
42) Toluene	10.386	91	543360	26.197	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	168897	28.131	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90160	27.809	ug/L	94
46) Tetrachloroethene	10.861	164	103399	27.694	ug/L	94
48) 2-Hexanone	10.965	43	92715	64.659	ug/L	99
49) Dibromochloromethane	11.129	129	103392	28.235	ug/L	100
50) 1,2-Dibromoethane	11.233	107	86661	29.180	ug/L	98
51) Chlorobenzene	11.654	112	344400	25.231	ug/L	96
52) Ethylbenzene	11.727	91	635899	25.588	ug/L	98
53) m,p-Xylene	11.837	106	244180	25.926	ug/L	97
54) o-Xylene	12.160	106	227944	24.041	ug/L	98
55) Styrene	12.178	104	391495	24.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	103035	26.672	ug/L	100
59) Bromoform	12.349	173	56542	25.611	ug/L	99
60) Isopropylbenzene	12.458	105	651828	24.735	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	75361	27.239	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	542592	25.540	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	529513	24.874	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	267869	24.534	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274030	25.434	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	236871	25.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	17982	27.828	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	188890	26.603	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	152640	26.402	ug/L	97
71) Naphthalene	15.360	128	286716	27.129	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	130522	26.293	ug/L	98

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

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