

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022831.D
 Acq On : 05 May 2022 10:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: May 06 01:02:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 05 02:23:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	345318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	173376	24.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.880%		
7) Chloroethane-d5	2.891	69	114452	24.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.320%		
11) 1,1-Dichloroethene-d2	4.025	63	225761	24.662	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.640%		
21) 2-Butanone-d5	7.080	46	70340	52.219	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.440%		
24) Chloroform-d	7.647	84	272878	26.972	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.880%		
26) 1,2-Dichloroethane-d4	8.305	65	148248	26.717	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.880%		
32) Benzene-d6	8.275	84	524231	26.879	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.520%		
36) 1,2-Dichloropropane-d6	9.274	67	151468	27.648	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.600%		
41) Toluene-d8	10.323	98	509522	27.045	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.160%		
43) trans-1,3-Dichloroprop...	10.573	79	66529	26.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.480%		
47) 2-Hexanone-d5	10.920	63	57951	55.411	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.820%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141854	27.780	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.120%		
66) 1,2-Dichlorobenzene-d4	13.853	152	179784	26.813	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	54028	28.701	ug/L	94
3) Chloromethane	2.221	50	91004	25.018	ug/L	95
5) Vinyl chloride	2.367	62	173300	23.739	ug/L	100
6) Bromomethane	2.782	94	97752	20.855	ug/L	89
8) Chloroethane	2.928	64	78907	22.410	ug/L	96
9) Trichlorofluoromethane	3.263	101	106773	32.000	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	116991	23.449	ug/L	97
12) 1,1-Dichloroethene	4.044	96	103086	23.308	ug/L	95
13) Acetone	4.129	43	46236	45.846	ug/L	100
14) Carbon disulfide	4.385	76	251904	20.775	ug/L	98
15) Methyl Acetate	4.672	43	46120	22.763	ug/L #	81
16) Methylene chloride	4.915	84	113599	22.482	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	110783	22.258	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	176978	23.293	ug/L	99
19) 1,1-Dichloroethane	6.220	63	202089	23.957	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	127100	23.775	ug/L #	99
22) 2-Butanone	7.171	43	63426	44.971	ug/L	98
23) Bromochloromethane	7.513	128	57122	22.816	ug/L	87
25) Chloroform	7.677	83	226136	24.244	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	145401	23.385	ug/L	98
29) Cyclohexane	7.958	56	172564	23.581	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	195409	24.438	ug/L	99
31) Carbon tetrachloride	8.067	117	182770	24.435	ug/L	99
33) Benzene	8.323	78	476468	23.903	ug/L	100
34) Trichloroethene	9.091	95	128778	23.492	ug/L	99
35) Methylcyclohexane	9.335	83	211455	23.480	ug/L	98
37) 1,2-Dichloropropane	9.372	63	115208	23.883	ug/L	100
38) Bromodichloromethane	9.646	83	166984	24.372	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	185641	24.820	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	137926	45.364	ug/L	100
42) Toluene	10.384	91	548655	24.560	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	161684	24.219	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	98019	24.307	ug/L	97
46) Tetrachloroethene	10.859	164	96567	23.440	ug/L	97
48) 2-Hexanone	10.969	43	97498	47.994	ug/L	97
49) Dibromochloromethane	11.128	129	117069	24.121	ug/L	96
50) 1,2-Dibromoethane	11.231	107	91169	22.516	ug/L	98
51) Chlorobenzene	11.658	112	353285	23.989	ug/L	96
52) Ethylbenzene	11.725	91	617966	24.865	ug/L	98
53) m,p-Xylene	11.841	106	242082	24.721	ug/L	98
54) o-Xylene	12.164	106	235374	25.048	ug/L	99
55) Styrene	12.176	104	404659	25.342	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120021	23.829	ug/L	98
59) Bromoform	12.347	173	60180	22.139	ug/L	98
60) Isopropylbenzene	12.463	105	650315	24.748	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85605	22.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	359787	24.611	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	550577	25.082	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	285940	24.373	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	278990	23.023	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	260760	24.289	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18682	22.304	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	194782	25.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	153003	24.424	ug/L	97
71) Naphthalene	15.359	128	328728	24.144	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135461	24.398	ug/L	99

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

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