

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023109.D
 Acq On : 17 May 2022 19:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: May 18 01:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	329336	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	331358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185231	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	160316	23.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
7) Chloroethane-d5	2.885	69	113400	25.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	4.019	63	189442	21.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.800%
21) 2-Butanone-d5	7.080	46	74997	58.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.760%
24) Chloroform-d	7.647	84	261178	27.069	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.280%
26) 1,2-Dichloroethane-d4	8.305	65	141693	26.775	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.120%
32) Benzene-d6	8.275	84	498453	26.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	9.274	67	144984	27.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.080%
41) Toluene-d8	10.323	98	489903	26.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	10.579	79	66584	26.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.800%
47) 2-Hexanone-d5	10.920	63	62853	61.369	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143684	28.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	186737	28.839	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	45111	25.127	ug/L	97
3) Chloromethane	2.215	50	83978	24.206	ug/L	100
5) Vinyl chloride	2.361	62	136312	19.578	ug/L	97
6) Bromomethane	2.776	94	82367	18.425	ug/L	93
8) Chloroethane	2.922	64	73425	21.865	ug/L	100
9) Trichlorofluoromethane	3.251	101	57205	17.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	104697	22.003	ug/L	97
12) 1,1-Dichloroethene	4.044	96	85046	20.162	ug/L	94
13) Acetone	4.123	43	35892	37.316	ug/L	95
14) Carbon disulfide	4.385	76	174721	15.109	ug/L	100
15) Methyl Acetate	4.678	43	45495	23.544	ug/L	97
16) Methylene chloride	4.922	84	110901	23.013	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	98364	20.722	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	194809	26.884	ug/L	99
19) 1,1-Dichloroethane	6.220	63	183474	22.806	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119544	23.447	ug/L #	96
22) 2-Butanone	7.171	43	61725	45.888	ug/L	92
23) Bromochloromethane	7.519	128	57701	24.166	ug/L	83
25) Chloroform	7.677	83	214285	24.088	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140627	23.715	ug/L	100
29) Cyclohexane	7.952	56	137168	19.141	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	175806	22.451	ug/L	100
31) Carbon tetrachloride	8.067	117	158463	21.633	ug/L	100
33) Benzene	8.323	78	428133	21.933	ug/L	100
34) Trichloroethene	9.092	95	114007	21.237	ug/L	95
35) Methylcyclohexane	9.335	83	176499	20.013	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107525	22.762	ug/L	99
38) Bromodichloromethane	9.646	83	160811	23.967	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	181406	24.766	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	149435	50.189	ug/L	97
42) Toluene	10.390	91	497099	22.723	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	160978	24.623	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	99155	25.109	ug/L	97
46) Tetrachloroethene	10.866	164	86679	21.485	ug/L	90
48) 2-Hexanone	10.969	43	107010	53.790	ug/L	97
49) Dibromochloromethane	11.128	129	122241	25.720	ug/L	100
50) 1,2-Dibromoethane	11.231	107	97951	24.702	ug/L #	100
51) Chlorobenzene	11.658	112	342239	23.730	ug/L	99
52) Ethylbenzene	11.731	91	568840	23.373	ug/L	100
53) m,p-Xylene	11.841	106	229073	23.887	ug/L	100
54) o-Xylene	12.164	106	225063	24.457	ug/L	99
55) Styrene	12.182	104	385356	24.644	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	128824	26.118	ug/L	96
59) Bromoform	12.347	173	63718	24.273	ug/L	95
60) Isopropylbenzene	12.463	105	606601	23.905	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91741	24.788	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	346270	24.528	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	526992	24.861	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	294034	25.953	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	276012	23.586	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	261718	25.244	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20874	25.806	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	191400	25.451	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	165340	27.331	ug/L	99
71) Naphthalene	15.359	128	379111	28.833	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	149336	27.852	ug/L	98

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

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