

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102022\
 Data File : VW024961.D
 Acq On : 20 Oct 2022 12:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Oct 20 21:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 21:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	476440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108423	19.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.885	69	67686	20.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.019	63	272105	22.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.040%
21) 2-Butanone-d5	7.080	46	76492	42.949	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.900%
24) Chloroform-d	7.647	84	286284	21.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	8.305	65	145338	20.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.680%
32) Benzene-d6	8.274	84	575832	21.497	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	9.274	67	177496	21.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	10.323	98	519535	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.579	79	69390	22.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.080%
47) 2-Hexanone-d5	10.920	63	59774	43.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134156	20.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	163578	21.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	40219	18.868	ug/L	96
3) Chloromethane	2.215	50	119566	24.084	ug/L	97
5) Vinyl chloride	2.361	62	179652	26.524	ug/L	100
6) Bromomethane	2.782	94	79380	24.130	ug/L	89
8) Chloroethane	2.922	64	73213	25.942	ug/L	98
9) Trichlorofluoromethane	3.257	101	102204	30.505	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	173723	25.467	ug/L	97
12) 1,1-Dichloroethene	4.044	96	167194	25.902	ug/L	85
13) Acetone	4.123	43	71600	57.451	ug/L	97
14) Carbon disulfide	4.385	76	536891	25.465	ug/L	99
15) Methyl Acetate	4.671	43	69484	22.909	ug/L	100
16) Methylene chloride	4.915	84	184235	21.901	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	182609	25.990	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	257905	24.701	ug/L	99
19) 1,1-Dichloroethane	6.214	63	327871	25.223	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	192375	25.334	ug/L	99
22) 2-Butanone	7.171	43	99459	47.838	ug/L	100
23) Bromochloromethane	7.512	128	77198	24.854	ug/L	96
25) Chloroform	7.677	83	320294	25.103	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199690	24.203	ug/L	100
29) Cyclohexane	7.951	56	329347	26.548	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	262088	26.679	ug/L	99
31) Carbon tetrachloride	8.067	117	232161	26.916	ug/L	98
33) Benzene	8.323	78	747607	25.725	ug/L	100
34) Trichloroethene	9.091	95	189589	25.905	ug/L	97
35) Methylcyclohexane	9.335	83	352261	26.744	ug/L	99
37) 1,2-Dichloropropane	9.366	63	187694	25.916	ug/L	100
38) Bromodichloromethane	9.646	83	227395	25.412	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	276912	26.452	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	196924	46.004	ug/L	99
42) Toluene	10.384	91	779027	26.146	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	225654	25.963	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	126772	25.060	ug/L	97
46) Tetrachloroethene	10.859	164	134925	27.114	ug/L	91
48) 2-Hexanone	10.963	43	138933	47.869	ug/L	99
49) Dibromochloromethane	11.128	129	144748	25.847	ug/L	99
50) 1,2-Dibromoethane	11.231	107	117620	24.681	ug/L	93
51) Chlorobenzene	11.652	112	479212	25.590	ug/L	96
52) Ethylbenzene	11.725	91	866111	25.959	ug/L	97
53) m,p-Xylene	11.835	106	332667	26.243	ug/L	98
54) o-Xylene	12.164	106	315039	26.102	ug/L	97
55) Styrene	12.176	104	539135	26.044	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	145721	23.610	ug/L	96
59) Bromoform	12.347	173	69695	24.439	ug/L #	99
60) Isopropylbenzene	12.463	105	855822	24.894	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	106897	22.811	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	738961	25.036	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	729888	25.647	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	357164	25.510	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	345391	24.371	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	306075	24.595	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22615	22.202	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	230975	25.267	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	192423	25.944	ug/L	91
71) Naphthalene	15.359	128	386275	24.037	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	157133	24.821	ug/L	98

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

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