

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100522\
 Data File : VW024726.D
 Acq On : 05 Oct 2022 09:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Quant Time: Oct 06 01:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	537073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	480001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136329	24.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
7) Chloroethane-d5	2.885	69	80844	24.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	4.025	63	310127	23.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.400%
21) 2-Butanone-d5	7.074	46	110100	54.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.000%
24) Chloroform-d	7.647	84	355069	24.730	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.305	65	182643	24.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.275	84	705528	22.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.274	67	224137	23.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	603429	22.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	10.573	79	87659	20.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.920	63	84291	52.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	182326	27.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	203645	24.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	68986	20.922	ug/L	90
3) Chloromethane	2.215	50	133755	20.830	ug/L	97
5) Vinyl chloride	2.361	62	206468	31.273	ug/L	99
6) Bromomethane	2.776	94	96412	31.642	ug/L	100
8) Chloroethane	2.922	64	81981	29.454	ug/L	98
9) Trichlorofluoromethane	3.257	101	94691	25.637	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	207288	29.425	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	197410	28.097	ug/L	87
13) Acetone	4.123	43	85429	57.958	ug/L	99
14) Carbon disulfide	4.385	76	623930	28.130	ug/L	99
15) Methyl Acetate	4.672	43	92888	28.460	ug/L	100
16) Methylene chloride	4.921	84	224359	21.271	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	214467	27.167	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	325095	25.973	ug/L	100
19) 1,1-Dichloroethane	6.214	63	399816	27.071	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	230270	27.186	ug/L	99
22) 2-Butanone	7.171	43	130492	55.349	ug/L	99
23) Bromochloromethane	7.512	128	94882	27.561	ug/L	97
25) Chloroform	7.671	83	385940	27.557	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	247318	28.064	ug/L	100
29) Cyclohexane	7.958	56	392638	26.263	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	305524	26.304	ug/L	99
31) Carbon tetrachloride	8.067	117	255182	25.944	ug/L	98
33) Benzene	8.323	78	901193	26.825	ug/L	100
34) Trichloroethene	9.091	95	227724	26.743	ug/L	100
35) Methylcyclohexane	9.335	83	417544	26.749	ug/L	99
37) 1,2-Dichloropropane	9.366	63	227327	27.409	ug/L	99
38) Bromodichloromethane	9.646	83	276160	27.069	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	339954	25.920	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	268972	54.789	ug/L	99
42) Toluene	10.384	91	933500	26.907	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	281912	25.071	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	158923	28.053	ug/L	97
46) Tetrachloroethene	10.859	164	152225	26.311	ug/L	92
48) 2-Hexanone	10.963	43	184301	55.518	ug/L	97
49) Dibromochloromethane	11.128	129	173466	27.192	ug/L	98
50) 1,2-Dibromoethane	11.231	107	147715	27.547	ug/L	99
51) Chlorobenzene	11.652	112	574517	27.046	ug/L	99
52) Ethylbenzene	11.725	91	1046465	27.384	ug/L	99
53) m,p-Xylene	11.835	106	404521	27.109	ug/L	100
54) o-Xylene	12.164	106	385750	27.374	ug/L	93
55) Styrene	12.176	104	661745	27.857	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	192337	28.996	ug/L	100
59) Bromoform	12.347	173	82659	24.533	ug/L	99
60) Isopropylbenzene	12.463	105	1058251	27.240	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	139586	27.186	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	906151	26.837	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	897798	27.142	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	424625	26.905	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	411098	26.757	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	382290	27.809	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	30674	25.263	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	285568	27.251	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	237629	26.992	ug/L	97
71) Naphthalene	15.359	128	508531	26.529	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	203302	27.134	ug/L	98

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

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