

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100522\
 Data File : VW024745.D
 Acq On : 05 Oct 2022 19:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Oct 06 02:35:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 06 01:37:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491141	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	442303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	212372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117021	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	2.885	69	70050	23.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
11) 1,1-Dichloroethene-d2	4.025	63	274142	23.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.080	46	98580	53.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.720%
24) Chloroform-d	7.647	84	328491	25.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	8.305	65	169740	24.921	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.275	84	648663	22.945	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	9.274	67	209415	24.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	10.323	98	561225	22.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	10.573	79	77962	20.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.080%
47) 2-Hexanone-d5	10.920	63	76557	51.802	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	166048	26.980	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	183355	24.535	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	45648	15.139	ug/L	97
3) Chloromethane	2.215	50	119592	20.367	ug/L	97
5) Vinyl chloride	2.361	62	185019	30.645	ug/L	97
6) Bromomethane	2.776	94	86692	31.113	ug/L	93
8) Chloroethane	2.922	64	70678	27.768	ug/L	97
9) Trichlorofluoromethane	3.251	101	82863	24.532	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	185432	28.784	ug/L #	80
12) 1,1-Dichloroethene	4.044	96	179541	27.944	ug/L	91
13) Acetone	4.129	43	61235	45.429	ug/L	98
14) Carbon disulfide	4.385	76	560068	27.613	ug/L	100
15) Methyl Acetate	4.678	43	83635	28.021	ug/L	99
16) Methylene chloride	4.922	84	199058	20.637	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	196615	27.235	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	299265	26.145	ug/L	100
19) 1,1-Dichloroethane	6.214	63	373689	27.668	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	218292	28.182	ug/L	96
22) 2-Butanone	7.177	43	108905	50.513	ug/L	99
23) Bromochloromethane	7.519	128	86930	27.613	ug/L	94
25) Chloroform	7.677	83	365917	28.571	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	228714	28.380	ug/L	99
29) Cyclohexane	7.958	56	353928	25.691	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	280459	26.204	ug/L	98
31) Carbon tetrachloride	8.067	117	239024	26.372	ug/L	100
33) Benzene	8.323	78	839133	27.106	ug/L	100
34) Trichloroethene	9.092	95	208465	26.568	ug/L	96
35) Methylcyclohexane	9.335	83	366723	25.496	ug/L	100
37) 1,2-Dichloropropane	9.366	63	212378	27.789	ug/L	99
38) Bromodichloromethane	9.646	83	258127	27.457	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	312717	25.875	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	247950	54.811	ug/L	99
42) Toluene	10.384	91	883537	27.638	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	257373	24.839	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	144284	27.639	ug/L	99
46) Tetrachloroethene	10.860	164	141716	26.582	ug/L	91
48) 2-Hexanone	10.969	43	166140	54.313	ug/L	98
49) Dibromochloromethane	11.128	129	156555	26.633	ug/L	93
50) 1,2-Dibromoethane	11.231	107	133275	26.973	ug/L	94
51) Chlorobenzene	11.658	112	535186	27.342	ug/L	97
52) Ethylbenzene	11.725	91	968210	27.496	ug/L	98
53) m,p-Xylene	11.835	106	372112	27.062	ug/L	100
54) o-Xylene	12.164	106	355113	27.348	ug/L	90
55) Styrene	12.176	104	626625	28.626	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	176353	28.852	ug/L	98
59) Bromoform	12.347	173	77659	25.870	ug/L	99
60) Isopropylbenzene	12.463	105	929122	26.843	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	127955	27.970	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	837684	27.845	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	816303	27.698	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	385257	27.397	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	395948	28.924	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	353512	28.862	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	26463	24.462	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	256608	27.483	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	208599	26.594	ug/L	99
71) Naphthalene	15.359	128	474590	27.788	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	184683	27.665	ug/L	99

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

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