

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024956.D
 Acq On : 19 Oct 2022 22:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: Oct 20 02:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	495701	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	456604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112924	19.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
7) Chloroethane-d5	2.885	69	66773	19.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	4.025	63	266914	20.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.080	46	89356	48.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.440%
24) Chloroform-d	7.647	84	319311	22.838	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.305	65	161470	22.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.275	84	642209	22.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.720%
36) 1,2-Dichloropropane-d6	9.275	67	199968	22.770	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	10.323	98	569878	22.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	74974	22.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.921	63	71415	48.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	157107	22.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	178388	23.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41535	18.728	ug/L	98
3) Chloromethane	2.221	50	125476	24.292	ug/L	100
5) Vinyl chloride	2.361	62	173984	24.689	ug/L	98
6) Bromomethane	2.776	94	79992	23.371	ug/L	89
8) Chloroethane	2.922	64	69227	23.576	ug/L	98
9) Trichlorofluoromethane	3.257	101	89460	25.664	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	164971	23.244	ug/L	98
12) 1,1-Dichloroethene	4.044	96	161238	24.009	ug/L	85
13) Acetone	4.123	43	57923	44.671	ug/L	97
14) Carbon disulfide	4.385	76	514847	23.470	ug/L	99
15) Methyl Acetate	4.672	43	78324	24.820	ug/L	99
16) Methylene chloride	4.916	84	195876	22.380	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	185135	25.326	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	289518	26.651	ug/L	99
19) 1,1-Dichloroethane	6.220	63	345913	25.577	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	205431	26.002	ug/L	97
22) 2-Butanone	7.171	43	102928	47.583	ug/L	100
23) Bromochloromethane	7.513	128	83874	25.955	ug/L	98
25) Chloroform	7.671	83	339826	25.599	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	213770	24.903	ug/L	100
29) Cyclohexane	7.952	56	319719	24.110	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	259018	24.666	ug/L	99
31) Carbon tetrachloride	8.067	117	223304	24.220	ug/L	100
33) Benzene	8.323	78	786870	25.331	ug/L	100
34) Trichloroethene	9.092	95	191977	24.540	ug/L	97
35) Methylcyclohexane	9.335	83	336528	23.902	ug/L	98
37) 1,2-Dichloropropane	9.366	63	196764	25.417	ug/L	100
38) Bromodichloromethane	9.646	83	238986	24.985	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	284943	25.464	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	226752	49.556	ug/L	100
42) Toluene	10.384	91	796013	24.993	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	234255	25.215	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	136040	25.158	ug/L	99
46) Tetrachloroethene	10.860	164	130806	24.591	ug/L	93
48) 2-Hexanone	10.969	43	153150	49.366	ug/L	96
49) Dibromochloromethane	11.128	129	148538	24.814	ug/L	95
50) 1,2-Dibromoethane	11.231	107	128064	25.140	ug/L #	99
51) Chlorobenzene	11.652	112	493865	24.672	ug/L	99
52) Ethylbenzene	11.725	91	906174	25.408	ug/L	98
53) m,p-Xylene	11.835	106	342316	25.263	ug/L	97
54) o-Xylene	12.164	106	327041	25.349	ug/L	98
55) Styrene	12.176	104	559500	25.285	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	165852	25.139	ug/L	97
59) Bromoform	12.347	173	70937	25.224	ug/L #	98
60) Isopropylbenzene	12.463	105	879144	25.932	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	116818	25.279	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	770366	26.467	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	737441	26.277	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	353311	25.590	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	361153	25.841	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	313551	25.550	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22800	22.699	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	224521	24.906	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	181924	24.873	ug/L	96
71) Naphthalene	15.359	128	397799	25.102	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	156696	25.100	ug/L	98

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

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