

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110322\
 Data File : VW025014.D
 Acq On : 03 Nov 2022 08:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Nov 04 04:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	260653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65203	20.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.120%
7) Chloroethane-d5	2.885	69	38305	20.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	4.019	63	183616	23.205	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.080	46	44037	41.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.160%
24) Chloroform-d	7.647	84	216717	25.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	114845	23.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.275	84	404758	24.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.274	67	113717	23.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	378490	24.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	10.579	79	50074	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.921	63	34673	41.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	85372	21.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	117068	21.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	23019	24.386	ug/L	99
3) Chloromethane	2.221	50	46847	20.634	ug/L	96
5) Vinyl chloride	2.361	62	71135	22.676	ug/L	99
6) Bromomethane	2.782	94	35109	22.427	ug/L	94
8) Chloroethane	2.922	64	27019	20.647	ug/L	98
9) Trichlorofluoromethane	3.257	101	62299	23.673	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	94261	25.294	ug/L	99
12) 1,1-Dichloroethene	4.038	96	88014	25.071	ug/L	99
13) Acetone	4.123	43	39034	51.252	ug/L	98
14) Carbon disulfide	4.385	76	245724	23.961	ug/L	98
15) Methyl Acetate	4.666	43	30195	19.913	ug/L	97
16) Methylene chloride	4.922	84	97523	19.408	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	93314	24.823	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	141350	22.416	ug/L	99
19) 1,1-Dichloroethane	6.214	63	171134	24.590	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	102707	25.068	ug/L	95
22) 2-Butanone	7.165	43	46702	40.928	ug/L	98
23) Bromochloromethane	7.519	128	41482	23.354	ug/L	91
25) Chloroform	7.677	83	186388	25.376	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120032	24.092	ug/L	99
29) Cyclohexane	7.952	56	150163	24.398	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	168644	26.439	ug/L	98
31) Carbon tetrachloride	8.067	117	154442	27.096	ug/L	98
33) Benzene	8.323	78	389384	24.807	ug/L	100
34) Trichloroethene	9.092	95	105917	25.490	ug/L	100
35) Methylcyclohexane	9.335	83	177059	25.078	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90092	23.648	ug/L	98
38) Bromodichloromethane	9.640	83	135637	25.510	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	149756	24.866	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	91137	40.766	ug/L	98
42) Toluene	10.384	91	421719	25.307	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	130388	24.352	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	67961	23.627	ug/L	95
46) Tetrachloroethene	10.860	164	77357	26.032	ug/L	90
48) 2-Hexanone	10.969	43	68321	44.189	ug/L	99
49) Dibromochloromethane	11.128	129	86998	24.812	ug/L	97
50) 1,2-Dibromoethane	11.231	107	61742	22.696	ug/L	98
51) Chlorobenzene	11.658	112	270549	25.047	ug/L	96
52) Ethylbenzene	11.725	91	488722	25.407	ug/L	98
53) m,p-Xylene	11.835	106	186670	25.070	ug/L	93
54) o-Xylene	12.164	106	177687	25.295	ug/L	97
55) Styrene	12.176	104	307040	25.166	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	76431	22.150	ug/L	96
59) Bromoform	12.347	173	45375	22.914	ug/L	99
60) Isopropylbenzene	12.463	105	511511	24.300	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56951	20.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	446393	24.430	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	434580	24.254	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	211607	24.103	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	213511	24.373	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	184502	23.373	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	13764	21.174	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	141068	24.260	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	115399	25.533	ug/L	98
71) Naphthalene	15.359	128	206437	21.652	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	91747	23.298	ug/L	98

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

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