

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
 Data File : VW022539.D
 Acq On : 13 Apr 2022 18:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Apr 14 01:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 14 01:27:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	339049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120144	16.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.885	69	100104	21.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.025	63	174091	17.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.640%
21) 2-Butanone-d5	7.080	46	76274	58.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
24) Chloroform-d	7.647	84	246802	23.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	8.305	65	138873	22.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.275	84	415636	20.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	9.274	67	131670	22.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	10.323	98	398177	20.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.640%
43) trans-1,3-Dichloroprop...	10.579	79	59131	21.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.880%
47) 2-Hexanone-d5	10.920	63	65702	60.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143661	28.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	165136	25.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	63543	38.232	ug/L	99
3) Chloromethane	2.221	50	84501	20.392	ug/L	99
5) Vinyl chloride	2.361	62	179409	20.749	ug/L	95
6) Bromomethane	2.782	94	124449	23.677	ug/L	96
8) Chloroethane	2.922	64	98257	25.957	ug/L	100
9) Trichlorofluoromethane	3.257	101	69663	21.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	118857	23.382	ug/L	97
12) 1,1-Dichloroethene	4.044	96	107477	23.543	ug/L	89
13) Acetone	4.123	43	42157	47.316	ug/L	73
14) Carbon disulfide	4.391	76	296043	19.713	ug/L	98
15) Methyl Acetate	4.672	43	55733	24.927	ug/L	96
16) Methylene chloride	4.921	84	133457	26.159	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	123324	23.061	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	207185	23.722	ug/L	96
19) 1,1-Dichloroethane	6.214	63	221170	22.666	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	140810	24.931	ug/L #	87
22) 2-Butanone	7.171	43	71714	53.293	ug/L	95
23) Bromochloromethane	7.512	128	63913	26.293	ug/L	92
25) Chloroform	7.677	83	250236	24.348	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	174576	24.168	ug/L	99
29) Cyclohexane	7.958	56	194296	20.571	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	203853	22.269	ug/L	98
31) Carbon tetrachloride	8.067	117	190232	23.153	ug/L	99
33) Benzene	8.323	78	513430	22.915	ug/L	100
34) Trichloroethene	9.091	95	139592	23.269	ug/L	96
35) Methylcyclohexane	9.335	83	232610	21.611	ug/L	96
37) 1,2-Dichloropropane	9.366	63	127788	23.807	ug/L	100
38) Bromodichloromethane	9.646	83	184078	23.848	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	202870	23.819	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	174166	53.169	ug/L	94
42) Toluene	10.384	91	598870	23.326	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	181898	23.851	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109056	26.622	ug/L	95
46) Tetrachloroethene	10.859	164	103188	23.400	ug/L	97
48) 2-Hexanone	10.969	43	122337	52.938	ug/L	95
49) Dibromochloromethane	11.128	129	128459	26.293	ug/L	100
50) 1,2-Dibromoethane	11.237	107	110013	27.197	ug/L	92
51) Chlorobenzene	11.652	112	381466	24.314	ug/L	96
52) Ethylbenzene	11.725	91	679017	23.595	ug/L	99
53) m,p-Xylene	11.835	106	265251	24.241	ug/L	88
54) o-Xylene	12.164	106	254612	24.350	ug/L	96
55) Styrene	12.176	104	439931	24.626	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	138542	27.554	ug/L	97
59) Bromoform	12.347	173	68615	24.966	ug/L	99
60) Isopropylbenzene	12.463	105	712335	23.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100531	25.551	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	390100	23.087	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	605233	23.555	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	307449	24.656	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	305352	24.554	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	273778	24.550	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22929	25.128	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	196048	24.097	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	169535	24.812	ug/L	97
71) Naphthalene	15.359	128	401369	27.851	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	146900	25.152	ug/L	94

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

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