

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041522\
 Data File : VW022563.D
 Acq On : 15 Apr 2022 17:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Apr 15 23:19:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 15 23:17:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	303225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98993	14.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.080%
7) Chloroethane-d5	2.885	69	81450	19.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
11) 1,1-Dichloroethene-d2	4.025	63	157249	18.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.360%
21) 2-Butanone-d5	7.080	46	72692	62.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.220%
24) Chloroform-d	7.653	84	228929	24.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	128505	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.275	84	382557	20.931	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.275	67	122495	23.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	10.323	98	361936	20.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.880%
43) trans-1,3-Dichloroprop...	10.579	79	53280	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.921	63	60754	61.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.480%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135238	30.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	152814	25.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41573	27.969	ug/L	98
3) Chloromethane	2.221	50	73891	19.938	ug/L	100
5) Vinyl chloride	2.361	62	166419	21.521	ug/L	93
6) Bromomethane	2.782	94	108119	23.000	ug/L	99
8) Chloroethane	2.922	64	82139	24.262	ug/L	94
9) Trichlorofluoromethane	3.257	101	70423	24.667	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114883	25.271	ug/L	96
12) 1,1-Dichloroethene	4.044	96	100591	24.638	ug/L	90
13) Acetone	4.123	43	37129	46.596	ug/L	94
14) Carbon disulfide	4.391	76	260590	19.402	ug/L	99
15) Methyl Acetate	4.678	43	47361	23.685	ug/L	93
16) Methylene chloride	4.922	84	117902	25.840	ug/L	92
17) trans-1,2-Dichloroethene	5.434	96	112837	23.593	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	189221	24.225	ug/L #	86
19) 1,1-Dichloroethane	6.220	63	205993	23.605	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	129748	25.686	ug/L #	88
22) 2-Butanone	7.177	43	60248	50.062	ug/L	93
23) Bromochloromethane	7.519	128	55895	25.712	ug/L	90
25) Chloroform	7.677	83	231019	25.134	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	158245	24.496	ug/L	97
29) Cyclohexane	7.958	56	179856	21.007	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	193931	23.370	ug/L	98
31) Carbon tetrachloride	8.067	117	173202	23.255	ug/L	96
33) Benzene	8.323	78	477607	23.516	ug/L	100
34) Trichloroethene	9.092	95	129960	23.898	ug/L	96
35) Methylcyclohexane	9.335	83	211924	21.721	ug/L	96
37) 1,2-Dichloropropane	9.366	63	118427	24.340	ug/L	100
38) Bromodichloromethane	9.646	83	169642	24.245	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	186333	24.134	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	149115	50.217	ug/L	97
42) Toluene	10.390	91	551044	23.677	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	165522	23.943	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	98193	26.443	ug/L	94
46) Tetrachloroethene	10.860	164	96577	24.160	ug/L	92
48) 2-Hexanone	10.969	43	104256	49.768	ug/L	98
49) Dibromochloromethane	11.128	129	118304	26.713	ug/L	98
50) 1,2-Dibromoethane	11.231	107	95368	26.009	ug/L	95
51) Chlorobenzene	11.652	112	362847	25.513	ug/L	96
52) Ethylbenzene	11.725	91	620786	23.797	ug/L	96
53) m,p-Xylene	11.835	106	246469	24.848	ug/L	93
54) o-Xylene	12.164	106	239218	25.238	ug/L	96
55) Styrene	12.176	104	414295	25.583	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122873	26.959	ug/L	99
59) Bromoform	12.347	173	59123	23.095	ug/L	100
60) Isopropylbenzene	12.463	105	643237	22.477	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89035	24.295	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	365161	23.202	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	561951	23.480	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	277742	23.913	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	281569	24.308	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	257708	24.810	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19673	23.146	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	188809	24.916	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	151890	23.866	ug/L	98
71) Naphthalene	15.359	128	342630	25.525	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	134777	24.775	ug/L	99

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

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