

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022476.D
 Acq On : 11 Apr 2022 11:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Apr 11 23:52:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	386830	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	375593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140066	16.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.520%
7) Chloroethane-d5	2.891	69	99509	18.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	4.019	63	239651	21.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	7.074	46	75245	50.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.800%
24) Chloroform-d	7.653	84	287090	23.744	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.305	65	153695	22.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	8.275	84	500210	21.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.274	67	150042	22.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.323	98	483479	21.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.040%
43) trans-1,3-Dichloroprop...	10.579	79	71234	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.920	63	63774	51.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143998	25.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	183200	24.705	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	38011	20.045	ug/L	99
3) Chloromethane	2.221	50	93438	19.764	ug/L	98
5) Vinyl chloride	2.367	62	220035	22.304	ug/L	94
6) Bromomethane	2.782	94	125853	20.986	ug/L	97
8) Chloroethane	2.922	64	97271	22.522	ug/L	96
9) Trichlorofluoromethane	3.263	101	114293	31.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	159372	27.480	ug/L	95
12) 1,1-Dichloroethene	4.044	96	146423	28.113	ug/L	87
13) Acetone	4.123	43	59567	58.598	ug/L	98
14) Carbon disulfide	4.391	76	421160	24.580	ug/L	100
15) Methyl Acetate	4.672	43	60221	23.607	ug/L	93
16) Methylene chloride	4.921	84	151323	25.997	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	163232	26.753	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	268547	26.950	ug/L	97
19) 1,1-Dichloroethane	6.214	63	280864	25.228	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	176621	27.408	ug/L #	86
22) 2-Butanone	7.171	43	83692	54.512	ug/L	94
23) Bromochloromethane	7.519	128	79061	28.508	ug/L	88
25) Chloroform	7.677	83	305911	26.089	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	201538	24.454	ug/L	99
29) Cyclohexane	7.951	56	257232	23.929	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	279145	26.792	ug/L	97
31) Carbon tetrachloride	8.073	117	252047	26.954	ug/L	98
33) Benzene	8.323	78	642808	25.208	ug/L	100
34) Trichloroethene	9.091	95	181616	26.599	ug/L	97
35) Methylcyclohexane	9.335	83	304012	24.817	ug/L	96
37) 1,2-Dichloropropane	9.366	63	151954	24.874	ug/L	100
38) Bromodichloromethane	9.646	83	225752	25.697	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	250924	25.885	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	183738	49.283	ug/L	95
42) Toluene	10.390	91	735758	25.180	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	224346	25.847	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	124095	26.616	ug/L	97
46) Tetrachloroethene	10.859	164	137910	27.478	ug/L	85
48) 2-Hexanone	10.963	43	133163	50.629	ug/L	98
49) Dibromochloromethane	11.128	129	153567	27.618	ug/L	95
50) 1,2-Dibromoethane	11.231	107	124282	26.995	ug/L #	98
51) Chlorobenzene	11.658	112	471456	26.403	ug/L	95
52) Ethylbenzene	11.731	91	831921	25.400	ug/L	95
53) m,p-Xylene	11.841	106	327877	26.328	ug/L	90
54) o-Xylene	12.164	106	315583	26.518	ug/L	99
55) Styrene	12.176	104	543488	26.730	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	148539	25.957	ug/L	99
59) Bromoform	12.347	173	82690	26.581	ug/L	97
60) Isopropylbenzene	12.463	105	887774	25.527	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	109663	24.624	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	494997	25.881	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	755874	25.989	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	378660	26.828	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	374328	26.593	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	343029	27.176	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	24118	23.351	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	260458	28.283	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	212220	27.440	ug/L	97
71) Naphthalene	15.365	128	438457	26.879	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	180917	27.367	ug/L	96

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

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