

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022190.D
 Acq On : 07 Mar 2022 10:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Mar 08 00:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 05 03:21:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131705	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	127678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45771	26.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.560%
7) Chloroethane-d5	2.885	69	32002	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.026	63	70354	26.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.960%
21) 2-Butanone-d5	7.080	46	18864	65.312	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.620%
24) Chloroform-d	7.647	84	83024	28.254	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	8.305	65	43683	28.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	8.275	84	163026	27.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.760%
36) 1,2-Dichloropropane-d6	9.275	67	43806	26.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.200%
41) Toluene-d8	10.323	98	160503	27.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.680%
43) trans-1,3-Dichloroprop...	10.573	79	20157	27.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.200%
47) 2-Hexanone-d5	10.921	63	16224	59.777	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43857	30.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.120%#
66) 1,2-Dichlorobenzene-d4	13.847	152	61511	26.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	8565	23.269	ug/L	92
3) Chloromethane	2.221	50	28606	22.680	ug/L	99
5) Vinyl chloride	2.361	62	44611	23.540	ug/L	96
6) Bromomethane	2.782	94	26943	20.356	ug/L	97
8) Chloroethane	2.922	64	24507	23.020	ug/L	99
9) Trichlorofluoromethane	3.263	101	34668	26.944	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	42676	27.186	ug/L	97
12) 1,1-Dichloroethene	4.038	96	35340	25.976	ug/L	94
13) Acetone	4.123	43	13820	58.584	ug/L	81
14) Carbon disulfide	4.379	76	74423	21.099	ug/L	97
15) Methyl Acetate	4.672	43	15798	29.747	ug/L	97
16) Methylene chloride	4.916	84	38231	23.649	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	38330	25.650	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	60650	29.832	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	67204	27.779	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	43466	26.851	ug/L	99
22) 2-Butanone	7.165	43	21927	64.706	ug/L	98
23) Bromochloromethane	7.513	128	21984	27.801	ug/L	93
25) Chloroform	7.677	83	79772	28.261	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	49416	28.423	ug/L	100
29) Cyclohexane	7.952	56	51680	24.322	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	68346	26.607	ug/L	98
31) Carbon tetrachloride	8.067	117	64863	26.569	ug/L	98
33) Benzene	8.324	78	159931	25.908	ug/L	100
34) Trichloroethene	9.092	95	45359	25.663	ug/L	98
35) Methylcyclohexane	9.336	83	68472	25.046	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38717	26.885	ug/L	98
38) Bromodichloromethane	9.640	83	56910	27.557	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	61263	27.986	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	49277	63.362	ug/L	99
42) Toluene	10.384	91	185021	26.483	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	55148	28.035	ug/L	94
45) 1,1,2-Trichloroethane	10.787	97	35548	27.837	ug/L	97
46) Tetrachloroethene	10.860	164	38824	25.075	ug/L	89
48) 2-Hexanone	10.963	43	34606	64.113	ug/L	97
49) Dibromochloromethane	11.128	129	43667	28.151	ug/L	91
50) 1,2-Dibromoethane	11.232	107	34079	27.668	ug/L #	98
51) Chlorobenzene	11.658	112	130993	26.941	ug/L	98
52) Ethylbenzene	11.731	91	210183	27.183	ug/L	99
53) m,p-Xylene	11.841	106	85149	26.763	ug/L	91
54) o-Xylene	12.164	106	82186	27.453	ug/L	96
55) Styrene	12.176	104	141951	28.285	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	44850	30.270	ug/L	96
59) Bromoform	12.347	173	26665	28.072	ug/L	99
60) Isopropylbenzene	12.463	105	226266	26.241	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31631	27.901	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	158559	27.654	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	192485	27.470	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	109125	25.512	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	107859	25.163	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	101610	26.719	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	7013	29.262	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	77833	25.352	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	62189	26.772	ug/L	98
71) Naphthalene	15.359	128	121555	29.642	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53707	26.730	ug/L	96

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

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