

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030422\
 Data File : VW022188.D
 Acq On : 04 Mar 2022 18:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Mar 05 03:24:27 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	152331	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	139974	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	54846	27.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.400%
7) Chloroethane-d5	2.885	69	39033	24.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.880%
11) 1,1-Dichloroethene-d2	4.019	63	79512	26.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.520%
21) 2-Butanone-d5	7.074	46	17854	53.445	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.900%
24) Chloroform-d	7.647	84	91983	27.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.240%
26) 1,2-Dichloroethane-d4	8.305	65	46910	26.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.275	84	180356	27.686	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.760%
36) 1,2-Dichloropropane-d6	9.274	67	48787	26.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.880%
41) Toluene-d8	10.323	98	180062	27.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	10.573	79	21979	27.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.600%
47) 2-Hexanone-d5	10.921	63	15184	51.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43849	27.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	68361	25.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10612	24.927	ug/L	91
3) Chloromethane	2.215	50	36119	24.759	ug/L	96
5) Vinyl chloride	2.361	62	51939	23.696	ug/L	95
6) Bromomethane	2.776	94	31717	20.719	ug/L	95
8) Chloroethane	2.922	64	27691	22.489	ug/L	99
9) Trichlorofluoromethane	3.257	101	38740	26.032	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45759	25.203	ug/L #	76
12) 1,1-Dichloroethene	4.038	96	38881	24.709	ug/L	91
13) Acetone	4.123	43	12492	45.784	ug/L	95
14) Carbon disulfide	4.385	76	82047	20.111	ug/L	97
15) Methyl Acetate	4.672	43	15646	25.472	ug/L	100
16) Methylene chloride	4.915	84	45558	24.365	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	41318	23.906	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	64919	27.608	ug/L	98
19) 1,1-Dichloroethane	6.220	63	73145	26.141	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	48304	25.800	ug/L	96
22) 2-Butanone	7.165	43	21166	54.003	ug/L	96
23) Bromochloromethane	7.513	128	23952	26.188	ug/L	97
25) Chloroform	7.677	83	86903	26.618	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52121	25.919	ug/L	100
29) Cyclohexane	7.952	56	59214	25.420	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	75056	26.652	ug/L	99
31) Carbon tetrachloride	8.067	117	72008	26.904	ug/L	99
33) Benzene	8.323	78	175970	26.002	ug/L	100
34) Trichloroethene	9.092	95	48682	25.124	ug/L	96
35) Methylcyclohexane	9.335	83	75329	25.134	ug/L	100
37) 1,2-Dichloropropane	9.366	63	42537	26.943	ug/L	98
38) Bromodichloromethane	9.646	83	61601	27.208	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	66978	27.909	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	46818	54.912	ug/L	98
42) Toluene	10.384	91	203882	26.619	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	61543	28.537	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	37787	26.991	ug/L	92
46) Tetrachloroethene	10.860	164	42995	25.330	ug/L	89
48) 2-Hexanone	10.963	43	33203	56.110	ug/L	95
49) Dibromochloromethane	11.128	129	45759	26.909	ug/L	99
50) 1,2-Dibromoethane	11.238	107	36799	27.252	ug/L #	94
51) Chlorobenzene	11.658	112	144581	27.123	ug/L	95
52) Ethylbenzene	11.725	91	231520	27.312	ug/L	100
53) m,p-Xylene	11.841	106	96218	27.585	ug/L	94
54) o-Xylene	12.164	106	92357	28.141	ug/L	93
55) Styrene	12.176	104	151695	27.571	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	44175	27.195	ug/L	95
59) Bromoform	12.347	173	27405	25.287	ug/L #	99
60) Isopropylbenzene	12.463	105	252373	25.653	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31922	24.679	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	176463	26.974	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	215683	26.977	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	124525	25.516	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	122853	25.120	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	112004	25.813	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6637	24.272	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	89148	25.450	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	70389	26.558	ug/L	97
71) Naphthalene	15.365	128	129837	27.750	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	62714	27.357	ug/L	95

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

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