

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020430.D
 Acq On : 11 Oct 2021 08:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025027

Quant Time: Oct 12 01:19:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 09 04:18:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	202893	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	190078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69542	23.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
7) Chloroethane-d5	2.885	69	35414	22.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.840%
11) 1,1-Dichloroethene-d2	4.019	63	151733	25.082	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.320%
21) 2-Butanone-d5	7.079	46	40673	45.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.540%
24) Chloroform-d	7.646	84	161900	25.033	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.305	65	89714	24.288	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.274	84	311966	24.951	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	9.274	67	98208	24.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	290269	25.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	10.579	79	40611	24.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.926	63	29141	46.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	72774	23.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	92125	24.667	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	27488	20.965	ug/L	98
3) Chloromethane	2.215	50	64453	23.643	ug/L	98
5) Vinyl chloride	2.361	62	95015	24.780	ug/L	100
6) Bromomethane	2.775	94	37199	22.337	ug/L	95
8) Chloroethane	2.922	64	30959	21.866	ug/L	98
9) Trichlorofluoromethane	3.257	101	54999	25.211	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	78780	25.321	ug/L	100
12) 1,1-Dichloroethene	4.037	96	73360	25.716	ug/L	90
13) Acetone	4.129	43	45146	54.729	ug/L	98
14) Carbon disulfide	4.385	76	236691	25.508	ug/L	99
15) Methyl Acetate	4.677	43	35113	22.921	ug/L	100
16) Methylene chloride	4.921	84	74326	18.844	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	76014	25.397	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	101384	24.043	ug/L	99
19) 1,1-Dichloroethane	6.220	63	154420	25.168	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	78556	25.252	ug/L	98
22) 2-Butanone	7.177	43	50872	49.267	ug/L	100
23) Bromochloromethane	7.518	128	33565	24.600	ug/L	94
25) Chloroform	7.677	83	150378	25.211	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	98707	24.195	ug/L	99
29) Cyclohexane	7.957	56	147378	26.483	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	120843	25.591	ug/L	100
31) Carbon tetrachloride	8.073	117	105618	25.440	ug/L	100
33) Benzene	8.323	78	338336	24.990	ug/L	100
34) Trichloroethene	9.091	95	82734	24.805	ug/L	98
35) Methylcyclohexane	9.341	83	148377	25.996	ug/L	100
37) 1,2-Dichloropropane	9.372	63	86470	24.663	ug/L	99
38) Bromodichloromethane	9.646	83	104065	24.756	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	122470	25.318	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	99357	47.216	ug/L	99
42) Toluene	10.390	91	352114	25.929	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	107200	25.139	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	54677	24.289	ug/L	99
46) Tetrachloroethene	10.865	164	60229	25.141	ug/L	95
48) 2-Hexanone	10.969	43	81292	52.653	ug/L	99
49) Dibromochloromethane	11.128	129	61443	24.775	ug/L	98
50) 1,2-Dibromoethane	11.237	107	49649	24.012	ug/L	98
51) Chlorobenzene	11.658	112	207875	24.824	ug/L	99
52) Ethylbenzene	11.731	91	386790	26.266	ug/L	97
53) m,p-Xylene	11.841	106	143634	26.325	ug/L	92
54) o-Xylene	12.164	106	132953	26.385	ug/L	99
55) Styrene	12.182	104	237927	27.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	66434	23.806	ug/L	97
59) Bromoform	12.347	173	32367	24.200	ug/L	99
60) Isopropylbenzene	12.463	105	372964	26.616	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	49057	23.324	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	316190	27.637	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	312411	27.567	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	155751	25.688	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	158641	25.296	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	135826	24.452	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10439	23.366	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	111867	25.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	86260	25.198	ug/L	98
71) Naphthalene	15.365	128	149575	24.302	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	76387	25.405	ug/L	100

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

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