

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
 Data File : VW020202.D
 Acq On : 27 Sep 2021 08:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Sep 28 05:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	336680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	173915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123195	17.886	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.560%		
7) Chloroethane-d5	2.898	69	99013	19.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.320%		
11) 1,1-Dichloroethene-d2	4.032	63	200632	18.604	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.400%		
21) 2-Butanone-d5	7.074	46	46550	43.797	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.600%		
24) Chloroform-d	7.653	84	223296	21.089	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.360%		
26) 1,2-Dichloroethane-d4	8.305	65	121210	21.270	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.080%		
32) Benzene-d6	8.275	84	406083	20.264	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.040%		
36) 1,2-Dichloropropane-d6	9.275	67	118772	20.479	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.920%		
41) Toluene-d8	10.323	98	369996	20.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.160%		
43) trans-1,3-Dichloroprop...	10.579	79	51778	20.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.560%		
47) 2-Hexanone-d5	10.927	63	38728	48.253	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.500%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	102302	22.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.480%		
66) 1,2-Dichlorobenzene-d4	13.853	152	122870	18.841	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	77569	26.304	ug/L	99
3) Chloromethane	2.221	50	98366	24.123	ug/L	98
5) Vinyl chloride	2.367	62	161389	25.205	ug/L	98
6) Bromomethane	2.788	94	99389	24.011	ug/L	96
8) Chloroethane	2.934	64	92284	23.834	ug/L	100
9) Trichlorofluoromethane	3.263	101	97007	21.534	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	120476	24.463	ug/L	98
12) 1,1-Dichloroethene	4.044	96	106866	23.935	ug/L	90
13) Acetone	4.123	43	48421	53.193	ug/L	99
14) Carbon disulfide	4.391	76	338196	24.086	ug/L	98
15) Methyl Acetate	4.672	43	43627	25.062	ug/L	99
16) Methylene chloride	4.922	84	118105	19.880	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	111309	23.664	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	117463	21.036	ug/L	99
19) 1,1-Dichloroethane	6.220	63	211996	24.436	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	114577	23.952	ug/L	97
22) 2-Butanone	7.171	43	58138	49.229	ug/L	97
23) Bromochloromethane	7.513	128	54171	24.981	ug/L	98
25) Chloroform	7.677	83	228661	25.204	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	151606	25.393	ug/L	99
29) Cyclohexane	7.958	56	173659	24.846	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	185413	23.821	ug/L	99
31) Carbon tetrachloride	8.067	117	177019	24.996	ug/L	99
33) Benzene	8.323	78	479838	25.312	ug/L	100
34) Trichloroethene	9.092	95	122584	24.156	ug/L	96
35) Methylcyclohexane	9.335	83	210827	25.497	ug/L	99
37) 1,2-Dichloropropane	9.366	63	118124	25.157	ug/L	99
38) Bromodichloromethane	9.646	83	159504	25.086	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	172528	24.912	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	123611	52.271	ug/L	99
42) Toluene	10.390	91	517890	25.714	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	158918	25.547	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	86971	25.261	ug/L	97
46) Tetrachloroethene	10.866	164	96246	24.537	ug/L	98
48) 2-Hexanone	10.969	43	95708	58.100	ug/L	98
49) Dibromochloromethane	11.128	129	101906	25.330	ug/L	100
50) 1,2-Dibromoethane	11.238	107	80320	24.789	ug/L	100
51) Chlorobenzene	11.658	112	320346	24.456	ug/L	98
52) Ethylbenzene	11.731	91	568214	25.615	ug/L	97
53) m,p-Xylene	11.841	106	221186	26.154	ug/L	97
54) o-Xylene	12.164	106	203821	26.054	ug/L	96
55) Styrene	12.183	104	365937	26.920	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104918	25.513	ug/L	99
59) Bromoform	12.347	173	55008	23.198	ug/L	100
60) Isopropylbenzene	12.463	105	553898	23.753	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77606	23.632	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	466519	24.377	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	470587	25.032	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	247767	23.168	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	252727	22.868	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	220398	22.629	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17869	24.240	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	173111	23.404	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	129810	22.740	ug/L	92
71) Naphthalene	15.365	128	252154	25.045	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	126789	24.667	ug/L	99

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

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