

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020595.D
 Acq On : 19 Oct 2021 08:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025040

Quant Time: Oct 20 01:27:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	183580	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	172555	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	92465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	64385	24.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
7) Chloroethane-d5	2.879	69	25618	18.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.640%
11) 1,1-Dichloroethene-d2	4.019	63	131989	24.114	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.440%
21) 2-Butanone-d5	7.080	46	44933	55.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.540%
24) Chloroform-d	7.647	84	153475	26.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.920%
26) 1,2-Dichloroethane-d4	8.305	65	87833	26.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.120%
32) Benzene-d6	8.275	84	285602	25.162	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.640%
36) 1,2-Dichloropropane-d6	9.274	67	92943	25.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	257059	25.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	10.579	79	38338	25.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.000%
47) 2-Hexanone-d5	10.927	63	32085	56.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	75420	26.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	85945	23.761	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	27566	23.237	ug/L	100
3) Chloromethane	2.215	50	62210	25.221	ug/L	97
5) Vinyl chloride	2.355	62	84159	24.258	ug/L	99
6) Bromomethane	2.776	94	33261	22.073	ug/L	93
8) Chloroethane	2.916	64	23491	18.337	ug/L	91
9) Trichlorofluoromethane	3.251	101	33207	16.823	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71302	25.328	ug/L	99
12) 1,1-Dichloroethene	4.037	96	64409	24.954	ug/L	96
13) Acetone	4.123	43	40987	54.915	ug/L	99
14) Carbon disulfide	4.379	76	192039	22.874	ug/L	99
15) Methyl Acetate	4.672	43	35664	25.730	ug/L	99
16) Methylene chloride	4.915	84	74065	20.754	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	67144	24.794	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	95483	25.026	ug/L	98
19) 1,1-Dichloroethane	6.220	63	140165	25.248	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	70445	25.027	ug/L	92
22) 2-Butanone	7.177	43	49162	52.620	ug/L	98
23) Bromochloromethane	7.519	128	30875	25.009	ug/L	97
25) Chloroform	7.677	83	138472	25.657	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	96055	26.021	ug/L	100
29) Cyclohexane	7.958	56	129063	25.547	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	108841	25.390	ug/L	100
31) Carbon tetrachloride	8.067	117	95941	25.456	ug/L	98
33) Benzene	8.323	78	308686	25.116	ug/L	100
34) Trichloroethene	9.091	95	74354	24.557	ug/L	99
35) Methylcyclohexane	9.335	83	131191	25.319	ug/L	99
37) 1,2-Dichloropropane	9.366	63	79742	25.054	ug/L	99
38) Bromodichloromethane	9.646	83	97397	25.523	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	114059	25.974	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	101432	53.097	ug/L	99
42) Toluene	10.390	91	320723	26.016	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	102598	26.503	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52496	25.688	ug/L	97
46) Tetrachloroethene	10.866	164	55029	25.303	ug/L	94
48) 2-Hexanone	10.969	43	79960	57.050	ug/L	98
49) Dibromochloromethane	11.128	129	58364	25.924	ug/L	93
50) 1,2-Dibromoethane	11.237	107	47227	25.160	ug/L	95
51) Chlorobenzene	11.658	112	194853	25.632	ug/L	98
52) Ethylbenzene	11.731	91	349777	26.165	ug/L	98
53) m,p-Xylene	11.841	106	130832	26.414	ug/L	100
54) o-Xylene	12.164	106	123038	26.897	ug/L	95
55) Styrene	12.182	104	220326	27.547	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	65655	25.916	ug/L	100
59) Bromoform	12.347	173	30507	23.551	ug/L	95
60) Isopropylbenzene	12.463	105	340716	25.105	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	50275	24.680	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	289368	26.115	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	288773	26.310	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	143829	24.494	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	146849	24.177	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	136066	25.292	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10325	23.862	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.627	180	104164	24.877	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	80391	24.247	ug/L	98
71) Naphthalene	15.365	128	156307	26.221	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	78436	26.935	ug/L	99

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

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