

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018868.D
 Acq On : 30 Apr 2021 09:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025129

Quant Time: Apr 30 22:50:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	633793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	581455	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	282202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	214691	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
7) Chloroethane-d5	2.898	69	165902	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	4.026	63	434302	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.60%
21) 2-Butanone-d5	7.080	46	86561	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
24) Chloroform-d	7.647	84	431708	25.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	8.305	65	227077	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.76%
32) Benzene-d6	8.275	84	843754	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	9.275	67	242539	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	10.323	98	798619	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.24%
43) trans-1,3-Dichloroprop...	10.579	79	108945	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.40%
47) 2-Hexanone-d5	10.927	63	74975	42.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.92%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	186172	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
66) 1,2-Dichlorobenzene-d4	13.853	152	247534	25.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	162368	26.98	ug/L	96
3) Chloromethane	2.221	50	153525	27.16	ug/L	99
5) Vinyl chloride	2.373	62	237562	25.91	ug/L	99
6) Bromomethane	2.788	94	161704	25.18	ug/L	98
8) Chloroethane	2.934	64	138813	25.16	ug/L	98
9) Trichlorofluoromethane	3.263	101	195236	27.45	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	212207	25.89	ug/L	97
12) 1,1-Dichloroethene	4.044	96	210609	25.65	ug/L	92
13) Acetone	4.141	43	85715	52.83	ug/L	84
14) Carbon disulfide	4.385	76	639370	26.31	ug/L	99
15) Methyl Acetate	4.678	43	68260	20.64	ug/L #	73
16) Methylene chloride	4.916	84	214650	20.49	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	222571	25.29	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	275430	22.69	ug/L	98
19) 1,1-Dichloroethane	6.214	63	377711	24.98	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	225989	24.31	ug/L	98
22) 2-Butanone	7.171	43	106911	47.53	ug/L	96
23) Bromochloromethane	7.513	128	93944	22.93	ug/L	90
25) Chloroform	7.677	83	389479	24.62	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	249464	23.15	ug/L	100
29) Cyclohexane	7.958	56	346082	24.83	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	327000	25.38	ug/L	99
31) Carbon tetrachloride	8.067	117	293983	25.04	ug/L	99
33) Benzene	8.324	78	845123	24.27	ug/L	100
34) Trichloroethene	9.092	95	228961	24.65	ug/L	93
35) Methylcyclohexane	9.336	83	403910	24.73	ug/L	98
37) 1,2-Dichloropropane	9.366	63	200802	23.92	ug/L	99
38) Bromodichloromethane	9.646	83	270263	24.38	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	326006	24.38	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	205896	39.50	ug/L	94
42) Toluene	10.390	91	939107	24.51	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	277679	23.70	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	147158	22.08	ug/L	97
46) Tetrachloroethene	10.860	164	171768	24.59	ug/L	93
48) 2-Hexanone	10.969	43	155215	45.72	ug/L	91
49) Dibromochloromethane	11.128	129	168222	23.30	ug/L	99
50) 1,2-Dibromoethane	11.238	107	141780	21.93	ug/L	98
51) Chlorobenzene	11.658	112	562227	24.00	ug/L	99
52) Ethylbenzene	11.731	91	1046270	24.63	ug/L	99
53) m,p-Xylene	11.841	106	386135	24.46	ug/L	96
54) o-Xylene	12.164	106	374594	24.90	ug/L	100
55) Styrene	12.183	104	634482	25.09	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	165725	20.56	ug/L	96
59) Bromoform	12.347	173	85284	21.84	ug/L	97
60) Isopropylbenzene	12.463	105	1023453	25.40	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	125266	20.94	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	859027	25.55	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	857381	25.49	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	421124	24.78	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	419795	24.47	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	372983	24.25	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	26154	20.56	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	310793	25.36	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	247592	24.33	ug/L	98
71) Naphthalene	15.365	128	465599	21.69	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	204999	22.83	ug/L	98

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

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