Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020501.D
Acq On : 14 Oct 2021 18:23
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025034

Quant Time: Oct 15 00:57:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 14 23:35:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	186204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	181707	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	54624	20.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.64%			
7) Chloroethane-d5	2.879	69	33054	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	4.019	63	122368	22.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.16%			
21) 2-Butanone-d5	7.086	46	51360	62.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.58%			
24) Chloroform-d	7.647	84	148907	25.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.36%			
26) 1,2-Dichloroethane-d4	8.311	65	89510	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	8.274	84	275893	23.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.32%			
36) 1,2-Dichloropropane-d6	9.274	67	94276	24.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.80%			
41) Toluene-d8	10.323	98	250445	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloroprop...	10.579	79	39598	25.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.04%			
47) 2-Hexanone-d5	10.926	63	36926	61.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.24%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	83576	28.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.52%			
66) 1,2-Dichlorobenzene-d4	13.853	152	90532	24.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	29547	24.56	ug/L	99
3) Chloromethane	2.208	50	63367	25.33	ug/L	98
5) Vinyl chloride	2.355	62	87485	24.86	ug/L	99
6) Bromomethane	2.769	94	38164	24.97	ug/L	96
8) Chloroethane	2.916	64	33267	25.60	ug/L	99
9) Trichlorofluoromethane	3.251	101	47858	23.90	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	72829	25.51	ug/L	99
12) 1,1-Dichloroethene	4.037	96	66945	25.57	ug/L	100
13) Acetone	4.135	43	38979	51.49	ug/L	98
14) Carbon disulfide	4.385	76	204954	24.07	ug/L	100
15) Methyl Acetate	4.678	43	40570	28.86	ug/L	99
16) Methylene chloride	4.915	84	90488	25.00	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	70868	25.80	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	111722	28.87	ug/L	99
19) 1,1-Dichloroethane	6.220	63	149179	26.49	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	76468	26.78	ug/L	97
22) 2-Butanone	7.177	43	53967	56.95	ug/L	99
23) Bromochloromethane	7.512	128	33435	26.70	ug/L	97
25) Chloroform	7.677	83	145394	26.56	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	104465	27.90	ug/L	100
29) Cyclohexane	7.957	56	134269	25.24	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	111333	24.66	ug/L	100
31) Carbon tetrachloride	8.073	117	96352	24.28	ug/L	99
33) Benzene	8.323	78	325353	25.14	ug/L	100
34) Trichloroethene	9.091	95	76792	24.08	ug/L	97
35) Methylcyclohexane	9.335	83	135849	24.90	ug/L	98
37) 1,2-Dichloropropane	9.372	63	86030	25.67	ug/L	99
38) Bromodichloromethane	9.646	83	103973	25.87	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	123799	26.77	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	119529	59.42	ug/L	99
42) Toluene	10.390	91	337495	26.00	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	110342	27.07	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	58066	26.98	ug/L	100
46) Tetrachloroethene	10.859	164	56792	24.80	ug/L	93
48) 2-Hexanone	10.969	43	86388	58.53	ug/L	99
49) Dibromochloromethane	11.128	129	64149	27.06	ug/L	95
50) 1,2-Dibromoethane	11.237	107	52529	26.57	ug/L	93
51) Chlorobenzene	11.658	112	200085	24.99	ug/L	98
52) Ethylbenzene	11.731	91	370679	26.33	ug/L	99
53) m,p-Xylene	11.841	106	136384	26.15	ug/L	100
54) o-Xylene	12.164	106	129680	26.92	ug/L	95
55) Styrene	12.182	104	232861	27.65	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	75103	28.15	ug/L	95
59) Bromoform	12.347	173	34938	25.93	ug/L	100
60) Isopropylbenzene	12.463	105	358635	25.41	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56520	26.68	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	303115	26.30	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	305046	26.72	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	154765	25.34	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	154592	24.47	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	143399	25.63	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	12177	27.06	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	108474	24.91	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	88525	25.67	ug/L	99
71) Naphthalene	15.365	128	179913	29.02	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	84799	28.00	ug/L	99

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

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