Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029842.D
Acq On : 06 May 2021 00:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020025

Manual Integrations APPROVED
mohammad
5/6/2021 4:49:33 PM

Quant Time: May 06 03:34:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 06 01:50:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	89840	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	344608	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	204977	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	393024	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	495200	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	546858	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4573	1.88	ng/uL	0.00
4) Pyridine-d5	3.49	84	27066	4.86	ng/ul	0.00
7) Phenol-d5	6.75	99	134901	17.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.91	67	94561	19.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	108913	17.53	ng/ul	-0.01
15) 4-Methylphenol-d8	8.28	113	91201	14.65	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	46029	17.98	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	36655	13.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	87432	16.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	120943	15.87	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	252161	16.47	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	382510	19.10	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.44	143	27215	11.56	ng/ul	0.00
60) Fluorene-d10	15.21	176	244600	18.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	28268	10.72	ng/ul	0.00
73) Anthracene-d10	17.06	188	393567	20.25	ng/ul	0.00
81) Pyrene-d10	19.35	212	429109	16.89	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	590603	19.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	4973	1.855	ng/uL#	83
5) Pyridine	3.51	79	31708	5.409	ng/ul	96
6) Benzaldehyde	6.72	77	87562m	20.829	ng/ul	
8) Phenol	6.77	94	144444	18.197	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.00	93	114332	18.417	ng/ul	98
12) 2-Chlorophenol	7.13	128	116087	18.503	ng/ul	98
13) 2-Methylphenol	8.02	108	88571	14.869	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.09	45	188166	19.439	ng/ul	99
16) Acetophenone	8.39	105	190681	20.156	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	80053	16.051	ng/ul	92
18) 4-Methylphenol	8.34	108	101237	15.970	ng/ul	98
19) Hexachloroethane	8.62	117	62715	22.535	ng/ul	93
22) Nitrobenzene	8.76	77	137019	21.284	ng/ul	97
23) Isophorone	9.28	82	213778	17.680	ng/ul	99
25) 2-Nitrophenol	9.46	139	44477	14.638	ng/ul	92
26) 2,4-Dimethylphenol	9.53	107	112237	17.939	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.77	93	128988	18.178	ng/ul	95
29) 2,4-Dichlorophenol	10.00	162	90253	17.936	ng/ul	98
30) Naphthalene	10.39	128	382585	20.182	ng/ul	98
32) 4-Chloroaniline	10.51	127	130643	16.887	ng/ul	98
33) Hexachlorobutadiene	10.67	225	71664	20.668	ng/ul	97
34) Caprolactam	11.30	113	19658m	12.105	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	85879	16.407 ng/ul	96
36) 2-Methylnaphthalene	12.01	142	233274	18.049 ng/ul	98
37) 1-Methylnaphthalene	12.23	142	238660	18.517 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	124018	19.096 ng/ul	97
40) Hexachlorocyclopentadiene	12.36	237	47555	14.750 ng/ul	96
41) 2,4,6-Trichlorophenol	12.64	196	55084	14.345 ng/ul	95
42) 2,4,5-Trichlorophenol	12.72	196	63260	15.310 ng/ul	99
43) 1,1'-Biphenyl	13.04	154	304623	18.764 ng/ul	99
44) 2-Chloronaphthalene	13.08	162	243730	19.548 ng/ul	99
45) 2-Nitroaniline	13.30	65	33554	10.220 ng/ul	88
47) Dimethylphthalate	13.67	163	271025	17.742 ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	32998	11.115 ng/ul#	71
50) Acenaphthylene	13.93	152	392832	20.128 ng/ul	99
51) 3-Nitroaniline	14.13	138	29531	9.395 ng/ul	91
52) Acenaphthene	14.27	153	273897	19.871 ng/ul	96
53) 2,4-Dinitrophenol	14.35	184	18500	10.857 ng/ul	95
55) 4-Nitrophenol	14.46	109	25969	15.523 ng/ul	91
56) Dibenzofuran	14.61	168	374943	20.301 ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	67782	16.175 ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.84	232	54142	14.766 ng/ul	92
59) Diethylphthalate	15.05	149	254950	16.365 ng/ul	99
61) Fluorene	15.26	166	312370	20.096 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.26	204	145024	19.347 ng/ul	99
63) 4-Nitroaniline	15.30	138	34758m	10.991 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	31036	12.110 ng/ul#	91
67) N-Nitrosodiphenylamine	15.48	169	243909	18.967 ng/ul	96
68) 4-Bromophenyl-phenylether	16.16	248	73674	16.770 ng/ul	99
69) Hexachlorobenzene	16.27	284	100028	19.409 ng/ul	98
70) Atrazine	16.44	200	50609	11.012 ng/ul	99
71) Pentachlorophenol	16.62	266	42293	14.914 ng/ul	94
72) Phenanthrene	17.00	178	481276	20.639 ng/ul	99
74) Anthracene	17.09	178	492301	20.733 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	125252	18.540 ng/uL	98
76) Pentachlorobenzene	14.53	250	122143	19.798 ng/uL	98
77) Carbazole	17.37	167	404057	18.627 ng/ul	99
78) Di-n-butylphthalate	17.93	149	364181	14.520 ng/ul#	98
80) Fluoranthene	19.02	202	512594	16.621 ng/ul	98
82) Pyrene	19.38	202	596820	18.179 ng/ul	96
83) Butylbenzylphthalate	20.29	149	111515	8.571 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.07	252	100260	8.671 ng/ul	97
85) Benzo(a)anthracene	21.13	228	622965	19.372 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	212527	10.392 ng/ul	96
87) Chrysene	21.18	228	623089	19.148 ng/ul	99
89) Di-n-octyl phthalate	21.93	149	394965	10.109 ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	704928	19.709 ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	690865	19.682 ng/ul	98
93) Benzo(a)pyrene	23.21	252	641453	20.025 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.46	276	895294	21.053 ng/ul#	94
95) Dibenzo(a,h)anthracene	25.47	278	741286	20.854 ng/ul	97
96) Benzo(g,h,i)perylene	26.12	276	736254	20.751 ng/ul	97

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

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