Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045328.D
Acq On : 12 May 2020 14:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/14/2020 8:37:33 AM

Quant Time: May 13 04:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	69909	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	274599	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	194140	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	442877	20.00	ng		0.00
76) Chrysene-d12	21.63	240	383208	20.00	ng		0.00
87) Perylene-d12	24.80	264	425009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	327242	77.28	ng		0.00
7) Phenol-d6	7.14	99	477183	75.85	ng		0.00
23) Nitrobenzene-d5	9.14	82	479363	79.65	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	223839	74.63	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1059841	80.05	ng		0.00
79) Terphenyl-d14	19.98	244	1568499	89.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	70888	37.669	ng		95
3) Pyridine	3.83	79	212502	36.675	ng		97
4) n-Nitrosodimethylamine	3.74	42	68622	38.660	ng		94
6) Aniline	7.30	93	307774	37.625	ng		98
8) 2-Chlorophenol	7.54	128	177901	39.091	ng		98
9) Benzaldehyde	7.11	77	130911	35.755	ng		97
10) Phenol	7.17	94	241717	38.394	ng		98
11) bis(2-Chloroethyl)ether	7.39	93	185914	37.090	ng		97
12) 1,3-Dichlorobenzene	7.87	146	210549	39.262	ng		97
13) 1,4-Dichlorobenzene	8.01	146	209025	39.117	ng		99
14) 1,2-Dichlorobenzene	8.33	146	202218	39.557	ng		94
15) Benzyl Alcohol	8.21	79	192926	36.575	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.51	45	176005	35.771	ng		96
17) 2-Methylphenol	8.42	107	178235	36.693	ng		96
18) Hexachloroethane	9.06	117	80466	40.057	ng		89
19) n-Nitroso-di-n-propylamine	8.78	70	162017	36.414	ng		96
20) 3+4-Methylphenols	8.75	107	249661	36.720	ng		98
22) Acetophenone	8.79	105	280435	37.765	ng	#	95
24) Nitrobenzene	9.18	77	245362	39.775	ng		96
25) Isophorone	9.70	82	457166	37.095	ng		98
26) 2-Nitrophenol	9.89	139	105013	39.520	ng		95
27) 2,4-Dimethylphenol	9.96	122	157286	37.305	ng		99
28) bis(2-Chloroethoxy)methane	10.19	93	236525	36.527	ng		97
29) 2,4-Dichlorophenol	10.43	162	188213	38.660	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	215808	39.152	ng		100
31) Naphthalene	10.83	128	578873	38.535	ng		99
32) Benzoic acid	10.10	122	101749m	32.280	ng		
33) 4-Chloroaniline	10.94	127	255181	36.425	ng		98
34) Hexachlorobutadiene	11.13	225	152901	40.459	ng		99
35) Caprolactam	11.71	113	64151	33.109	ng		94
36) 4-Chloro-3-methylphenol	12.07	107	209241	36.587	ng		99
37) 2-Methylnaphthalene	12.44	142	438713	37.626	ng		97
38) 1-Methylnaphthalene	12.66	142	413341m	37.552	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	249265	39.877	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	145613	37.271 ng	98
43) 2,4,6-Trichlorophenol	13.05	196	166984	37.851 ng	95
44) 2,4,5-Trichlorophenol	13.13	196	186189	37.078 ng	94
46) 1,1'-Biphenyl	13.45	154	574024	38.901 ng	99
47) 2-Chloronaphthalene	13.49	162	427469	37.913 ng	98
48) 2-Nitroaniline	13.69	65	143486	38.679 ng	96
49) Acenaphthylene	14.34	152	701581	38.201 ng	99
50) Dimethylphthalate	14.07	163	598222	37.844 ng	99
51) 2,6-Dinitrotoluene	14.19	165	135930	38.445 ng	98
52) Acenaphthene	14.69	154	475597m	38.274 ng	
53) 3-Nitroaniline	14.52	138	137016	35.333 ng	90
54) 2,4-Dinitrophenol	14.73	184	81009	38.531 ng	94
55) Dibenzofuran	15.02	168	689869	38.080 ng	98
56) 4-Nitrophenol	14.83	139	104935	34.900 ng	96
57) 2,4-Dinitrotoluene	14.98	165	191891	37.137 ng	97
58) Fluorene	15.67	166	569255	38.469 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	168578	37.729 ng	98
60) Diethylphthalate	15.44	149	606695	36.811 ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	325260	38.188 ng	99
62) 4-Nitroaniline	15.68	138	140062	34.823 ng	95
63) Azobenzene	15.96	77	566537	37.284 ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	120815	41.502 ng	96
66) n-Nitrosodiphenylamine	15.87	169	495862	38.968 ng	100
67) 4-Bromophenyl-phenylether	16.55	248	224999	39.380 ng	95
68) Hexachlorobenzene	16.68	284	232614	39.256 ng	98
69) Atrazine	16.83	200	161948	33.693 ng	96
70) Pentachlorophenol	17.02	266	123154	33.879 ng	97
71) Phenanthrene	17.41	178	901247	39.601 ng	100
72) Anthracene	17.50	178	904722	39.631 ng	99
73) Carbazole	17.76	167	869019	37.511 ng	98
74) Di-n-butylphthalate	18.33	149	1013648	39.446 ng	99
75) Fluoranthene	19.42	202	1062074	38.863 ng	98
77) Benzidine	19.60	184	464600	41.380 ng	98
78) Pyrene	19.78	202	1063997	40.275 ng	98
80) Butylbenzylphthalate	20.67	149	441105	40.281 ng	99
81) Benzo(a)anthracene	21.61	228	984118	39.623 ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	386775	39.124 ng	96
83) Chrysene	21.68	228	952953	39.932 ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	593611	39.414 ng	99
85) Di-n-octyl phthalate	22.72	149	1016817	39.041 ng	99
86) Indeno(1,2,3-cd)pyrene	28.39	276	1206299	38.073 ng	99
88) Benzo(b)fluoranthene	23.79	252	1019284	38.287 ng	99
89) Benzo(k)fluoranthene	23.86	252	1004795	39.687 ng	99
90) Benzo(a)pyrene	24.65	252	977174	38.876 ng	99
91) Dibenzo(a,h)anthracene	28.46	278	988141	39.014 ng	96
92) Benzo(g,h,i)perylene	29.51	276	974739	38.387 ng	98

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

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