Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048704.D
Acq On : 15 Apr 2021 11:29
Operator : CG/JU
Sample : PB135705BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 15 12:11:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135705BSD

Manual Integrations APPROVED
mohammad
4/16/2021 11:26:17 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	25069	20.00	ng		# 0.00
21) Naphthalene-d8	10.908	136	102266	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	76964	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	188856	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	173641	20.00	ng		0.00
86) Perylene-d12	25.138	264	161548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.632	112	174473	116.40	ng		0.00
7) Phenol-d6	7.247	99	230814	108.87	ng		0.00
23) Nitrobenzene-d5	9.257	82	145612	63.75	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	105763	102.49	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	323545	60.71	ng		0.00
79) Terphenyl-d14	20.103	244	622548	61.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	21556	36.70	ng	#	94
3) Pyridine	3.887	79	57346	37.46	ng		95
4) n-Nitrosodimethylamine	3.804	42	48783	41.74	ng		91
6) Aniline	7.400	93	70869	29.78	ng	#	94
8) 2-Chlorophenol	7.647	128	71072	44.70	ng		97
9) Benzaldehyde	7.212	77	32062	22.82	ng		92
10) Phenol	7.271	94	92917	44.57	ng		95
11) bis(2-Chloroethyl)ether	7.494	93	58097	41.35	ng		95
12) 1,3-Dichlorobenzene	7.970	146	74330	40.66	ng		96
13) 1,4-Dichlorobenzene	8.117	146	76037	40.81	ng		90
14) 1,2-Dichlorobenzene	8.440	146	71789	41.76	ng		95
15) Benzyl Alcohol	8.323	79	80646	43.17	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.611	45	65349	42.91	ng		94
17) 2-Methylphenol	8.528	107	61243	46.01	ng		93
18) Hexachloroethane	9.175	117	30380	41.51	ng		94
19) n-Nitroso-di-n-propyla...	8.893	70	58643	41.00	ng	#	92
20) 3+4-Methylphenols	8.857	107	81695	44.49	ng		91
22) Acetophenone	8.910	105	110278	41.43	ng	#	96
24) Nitrobenzene	9.298	77	93773	41.16	ng		96
25) Isophorone	9.821	82	159247	39.42	ng		98
26) 2-Nitrophenol	10.015	139	39937	40.50	ng	#	92
27) 2,4-Dimethylphenol	10.074	122	74838	49.36	ng		87
28) bis(2-Chloroethoxy)met...	10.303	93	78587	44.66	ng	#	90
29) 2,4-Dichlorophenol	10.555	162	73692	43.10	ng		91
30) 1,2,4-Trichlorobenzene	10.773	180	80155	40.43	ng		93
31) Naphthalene	10.961	128	215791	41.12	ng		98
32) Benzoic acid	10.232	122	38282	43.10	ng	#	79
33) 4-Chloroaniline	11.072	127	32390	14.83	ng		97
34) Hexachlorobutadiene	11.243	225	58376	39.66	ng	#	90
35) Caprolactam	11.848	113	25149m	43.29	ng		
36) 4-Chloro-3-methylphenol	12.195	107	86056	44.44	ng	#	91
37) 2-Methylnaphthalene	12.565	142	167680	39.99	ng		99
38) 1-Methylnaphthalene	12.782	142	155277	39.80	ng		95
40) 1,2,4,5-Tetrachloroben...	12.935	216	99698	39.80	ng		99
41) Hexachlorocyclopentadiene	12.911	237	109776	80.32	ng		97
43) 2,4,6-Trichlorophenol	13.170	196	69617	41.64	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	72583	40.88	ng		91
46) 1,1'-Biphenyl	13.569	154	228532	40.20	ng		99
47) 2-Chloronaphthalene	13.616	162	169532	39.04	ng		99
48) 2-Nitroaniline	13.816	65	63293	40.56	ng		97
49) Acenaphthylene	14.463	152	282867	41.75	ng		97
50) Dimethylphthalate	14.186	163	235709	40.83	ng		97
51) 2,6-Dinitrotoluene	14.310	165	51949	39.00	ng		98
52) Acenaphthene	14.803	154	176840	41.10	ng		99
53) 3-Nitroaniline	14.645	138	28509	22.30	ng		98
54) 2,4-Dinitrophenol	14.850	184	62963	78.83	ng		97
55) Dibenzofuran	15.138	168	270983	38.05	ng	#	96
56) 4-Nitrophenol	14.962	139	77136	81.43	ng		92
57) 2,4-Dinitrotoluene	15.103	165	75726	39.15	ng		94
58) Fluorene	15.790	166	230442	39.40	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.367	232	65939	40.14	ng	#	98
60) Diethylphthalate	15.549	149	250892	42.01	ng		97
61) 4-Chlorophenyl-phenyle...	15.779	204	129890	40.38	ng		96
62) 4-Nitroaniline	15.814	138	49733	36.38	ng		85
63) Azobenzene	16.072	77	234513	38.99	ng		94
65) 4,6-Dinitro-2-methylph...	15.867	198	45649	36.10	ng		89
66) n-Nitrosodiphenylamine	15.996	169	210478	39.43	ng		97
67) 4-Bromophenyl-phenylether	16.678	248	84001	38.64	ng		96
68) Hexachlorobenzene	16.795	284	90421	41.07	ng		95
69) Atrazine	16.942	200	85798	38.65	ng		98
70) Pentachlorophenol	17.148	266	98763	84.18	ng		98
71) Phenanthrene	17.541	178	380444	38.81	ng		99
72) Anthracene	17.629	178	390179	40.23	ng		97
73) Carbazole	17.900	167	348787	37.54	ng		99
74) Di-n-butylphthalate	18.446	149	427567	41.05	ng		100
75) Fluoranthene	19.551	202	488133	39.38	ng		98
77) Benzidine	19.727	184	123786	26.25	ng		98
78) Pyrene	19.915	202	477681	39.76	ng		99
80) Butylbenzylphthalate	20.790	149	184829	39.35	ng		99
81) Benzo(a)anthracene	21.777	228	469098	39.53	ng		99
82) 3,3'-Dichlorobenzidine	21.689	252	118367	29.09	ng		97
83) Chrysene	21.848	228	433357	38.34	ng		98
84) Bis(2-ethylhexyl)phtha...	21.666	149	267911	40.74	ng		99
85) Di-n-octyl phthalate	22.923	149	449963	40.19	ng		99
87) Indeno(1,2,3-cd)pyrene	28.969	276	522075	44.00	ng		97
88) Benzo(b)fluoranthene	24.075	252	480044	43.80	ng	#	97
89) Benzo(k)fluoranthene	24.145	252	439701	42.66	ng		98
90) Benzo(a)pyrene	24.985	252	418363	41.44	ng		98
91) Dibenzo(a,h)anthracene	29.051	278	439870	43.22	ng		99
92) Benzo(g,h,i)perylene	30.179	276	436318	43.43	ng		99

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

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