Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045653.D
Acq On : 8 Jun 2020 22:17
Operator : CG/JU
Sample : SP5150
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP5150

Manual Integrations APPROVED
mohammad
6/9/2020 12:22:29 PM

Quant Time: Jun 09 11:34:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	94484	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	389319	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	279576	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	649932	20.00	ng		0.00
76) Chrysene-d12	21.60	240	608426	20.00	ng		0.00
87) Perylene-d12	24.75	264	656605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	68	0.01	ng		0.43
7) Phenol-d6	7.52	99	18043	2.62	ng		0.38
23) Nitrobenzene-d5	9.03	82	27763	3.89	ng		-0.08
42) 2,4,6-Tribromophenol	16.09	330	58	0.02	ng		0.00
45) 2-Fluorobiphenyl	13.12	172	633	0.04	ng		-0.10
79) Terphenyl-d14	19.95	244	223	0.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	76661	31.976	ng		98
3) Pyridine	3.79	79	212567	31.835	ng		94
4) n-Nitrosodimethylamine	3.71	42	95415	43.669	ng		92
6) Aniline	7.27	93	320162	35.642	ng		97
8) 2-Chlorophenol	7.52	128	258566	48.769	ng		100
9) Benzaldehyde	7.08	77	189846	42.345	ng		98
10) Phenol	7.17	94	355032	50.061	ng		97
11) bis(2-Chloroethyl)ether	7.36	93	233427	42.197	ng		97
12) 1,3-Dichlorobenzene	7.83	146	264832	41.566	ng		99
13) 1,4-Dichlorobenzene	7.98	146	267331	42.517	ng		99
14) 1,2-Dichlorobenzene	8.30	146	258774	42.791	ng		98
15) Benzyl Alcohol	8.20	79	267401	47.040	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	212610	40.490	ng		97
17) 2-Methylphenol	8.42	107	230357	43.396	ng		98
18) Hexachloroethane	9.03	117	101556	42.172	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	204221	42.918	ng		95
20) 3+4-Methylphenols	8.75	107	312099	43.176	ng		93
22) Acetophenone	8.77	105	372226	40.340	ng	#	98
24) Nitrobenzene	9.15	77	323472	42.289	ng		97
25) Isophorone	9.68	82	568768	40.453	ng		99
26) 2-Nitrophenol	9.87	139	145294	44.403	ng		92
27) 2,4-Dimethylphenol	9.94	122	228864	47.158	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	315951	42.849	ng		98
29) 2,4-Dichlorophenol	10.42	162	260403	45.438	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	283251	41.827	ng		98
31) Naphthalene	10.81	128	755805	41.660	ng		99
32) Benzoic acid	10.14	122	126254	40.287	ng		96
33) 4-Chloroaniline	10.92	127	176811	23.315	ng		99
34) Hexachlorobutadiene	11.09	225	196380	41.025	ng		97
35) Caprolactam	11.71	113	87064m	41.389	ng		
36) 4-Chloro-3-methylphenol	12.07	107	295313	45.730	ng		96
37) 2-Methylnaphthalene	12.42	142	573024	42.377	ng		97
38) 1-Methylnaphthalene	12.63	142	540012m	42.277	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	324987	41.617	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	406514	90.192	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	231383	42.654	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	237999	38.394	ng		99
46) 1,1'-Biphenyl	13.43	154	724370	42.167	ng		100
47) 2-Chloronaphthalene	13.47	162	570183	40.874	ng		99
48) 2-Nitroaniline	13.67	65	188406	41.059	ng		93
49) Acenaphthylene	14.32	152	912854	40.740	ng		100
50) Dimethylphthalate	14.06	163	749072	39.057	ng		98
51) 2,6-Dinitrotoluene	14.17	165	174819	40.396	ng		97
52) Acenaphthene	14.66	154	549583	36.642	ng		100
53) 3-Nitroaniline	14.51	138	122972	27.953	ng	#	96
54) 2,4-Dinitrophenol	14.71	184	196417	70.016	ng		96
55) Dibenzofuran	15.00	168	888617	39.896	ng		95
56) 4-Nitrophenol	14.85	139	232071	69.677	ng		91
57) 2,4-Dinitrotoluene	14.97	165	250941	40.038	ng		98
58) Fluorene	15.65	166	740658	40.476	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	221981	40.703	ng		100
60) Diethylphthalate	15.42	149	777285	38.939	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	418122	39.931	ng		99
62) 4-Nitroaniline	15.68	138	173989	37.884	ng		97
63) Azobenzene	15.93	77	758719	40.762	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	161906	42.774	ng		92
66) n-Nitrosodiphenylamine	15.85	169	660359	42.318	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	287787	40.892	ng		98
68) Hexachlorobenzene	16.66	284	312554	42.462	ng		95
69) Atrazine	16.81	200	257150	40.008	ng		99
70) Pentachlorophenol	17.00	266	302738	79.208	ng		99
71) Phenanthrene	17.39	178	1165641	41.083	ng		99
72) Anthracene	17.48	178	1186219	41.632	ng		98
73) Carbazole	17.75	167	1102717	39.703	ng		99
74) Di-n-butylphthalate	18.31	149	1306767	39.200	ng		98
75) Fluoranthene	19.40	202	1434345	39.745	ng		98
77) Benzidine	19.58	184	822146	48.113	ng		99
78) Pyrene	19.76	202	1406438	40.551	ng		99
80) Butylbenzylphthalate	20.65	149	599936	40.075	ng		98
81) Benzo(a)anthracene	21.59	228	1377201	40.633	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	386570	29.076	ng		99
83) Chrysene	21.65	228	1323977	40.625	ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	826639	40.170	ng		98
85) Di-n-octyl phthalate	22.68	149	1358697	38.442	ng		99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1719826	40.355	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1474034	41.859	ng		99
89) Benzo(k)fluoranthene	23.82	252	1428694	43.184	ng		99
90) Benzo(a)pyrene	24.61	252	1358713	41.429	ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1401608	42.528	ng		99
92) Benzo(g,h,i)perylene	29.45	276	1405155	42.631	ng		98

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

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