Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043666.D
Acq On : 16 Nov 2019 1:04
Operator : JU
Sample : K5832-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(8-10)MSD

Manual Integrations APPROVED
mohammad
11/18/2019 3:07:15 PM

Quant Time: Nov 16 02:54:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25171	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	100286	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	76233	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	178955	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	198480	20.00	ng		-0.02
87) Perylene-d12	24.82	264	235828	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	235184	171.21	ng		0.00
7) Phenol-d6	7.20	99	344686	174.41	ng		0.00
23) Nitrobenzene-d5	9.16	82	211019	108.48	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	212394	146.41	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	569371	103.20	ng		-0.02
79) Terphenyl-d14	19.98	244	1108435	104.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	19339	36.128	ng	#	90
3) Pyridine	3.85	79	48747	36.101	ng		94
4) n-Nitrosodimethylamine	3.76	42	34732	50.974	ng		79
6) Aniline	7.32	93	69074	30.340	ng		94
8) 2-Chlorophenol	7.57	128	76607	50.521	ng		98
9) Benzaldehyde	7.13	77	34425	35.444	ng		90
10) Phenol	7.22	94	105392	58.358	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	62780	44.963	ng		98
12) 1,3-Dichlorobenzene	7.88	146	81882	43.100	ng		97
13) 1,4-Dichlorobenzene	8.03	146	83128	43.247	ng		95
14) 1,2-Dichlorobenzene	8.35	146	80839	43.073	ng		99
15) Benzyl Alcohol	8.24	79	70025	50.451	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	87579	43.137	ng		96
17) 2-Methylphenol	8.46	107	69749	52.979	ng		95
18) Hexachloroethane	9.08	117	28998	41.814	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	58234	45.600	ng	#	89
20) 3+4-Methylphenols	8.79	107	93211	51.632	ng		98
22) Acetophenone	8.82	105	114634	44.636	ng	#	92
24) Nitrobenzene	9.20	77	90112	48.629	ng	#	97
25) Isophorone	9.72	82	167803	47.183	ng		99
26) 2-Nitrophenol	9.92	139	45376	50.721	ng	#	92
27) 2,4-Dimethylphenol	9.99	122	77770	60.652	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	90617	46.166	ng		97
29) 2,4-Dichlorophenol	10.47	162	85241	51.884	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	91422	44.151	ng		100
31) Naphthalene	10.84	128	245530	48.233	ng		98
32) Benzoic acid	10.17	122	28685	32.824	ng		89
33) 4-Chloroaniline	10.98	127	27453	13.157	ng	#	92
34) Hexachlorobutadiene	11.13	225	65174	42.579	ng		96
35) Caprolactam	11.74	113	29257m	51.707	ng		
36) 4-Chloro-3-methylphenol	12.11	107	95936	53.534	ng		95
37) 2-Methylnaphthalene	12.45	142	192002	49.158	ng		96
38) 1-Methylnaphthalene	12.67	142	181907	48.949	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	122619	43.462	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	120544	81.337	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	79176	47.654	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	86642	51.581	ng		95
46) 1,1'-Biphenyl	13.46	154	265494	45.780	ng		98
47) 2-Chloronaphthalene	13.50	162	197786	44.823	ng		98
48) 2-Nitroaniline	13.71	65	62993	47.764	ng		96
49) Acenaphthylene	14.35	152	338103	49.232	ng		99
50) Dimethylphthalate	14.08	163	361696	61.255	ng		98
51) 2,6-Dinitrotoluene	14.20	165	62541	48.754	ng		97
52) Acenaphthene	14.69	154	197101	47.063	ng		95
53) 3-Nitroaniline	14.55	138	24645	19.899	ng		98
54) 2,4-Dinitrophenol	14.75	184	48707	62.552	ng		96
55) Dibenzofuran	15.02	168	325686	47.954	ng		99
56) 4-Nitrophenol	14.89	139	79572	95.873	ng		98
57) 2,4-Dinitrotoluene	14.99	165	87076	47.498	ng	#	98
58) Fluorene	15.67	166	273428	48.001	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	88446	49.560	ng		95
60) Diethylphthalate	15.44	149	275723	46.473	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	156165	46.995	ng		98
62) 4-Nitroaniline	15.71	138	55550	43.430	ng		90
63) Azobenzene	15.96	77	230946	48.097	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	46064	43.739	ng		95
66) n-Nitrosodiphenylamine	15.88	169	246984	48.885	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	110475	45.872	ng		92
68) Hexachlorobenzene	16.68	284	123448	44.655	ng		95
69) Atrazine	16.83	200	104045	59.265	ng		97
70) Pentachlorophenol	17.04	266	102310	81.220	ng		98
71) Phenanthrene	17.41	178	434541	47.419	ng		99
72) Anthracene	17.51	178	443922	48.418	ng		98
73) Carbazole	17.78	167	398922	48.046	ng		98
74) Di-n-butylphthalate	18.32	149	475851	47.234	ng		98
75) Fluoranthene	19.42	202	576035	48.217	ng		99
77) Benzidine	19.60	184	222853	55.790	ng		98
78) Pyrene	19.79	202	581371	47.321	ng		99
80) Butylbenzylphthalate	20.67	149	228019	48.988	ng		98
81) Benzo(a)anthracene	21.61	228	618940	49.783	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	102570	21.330	ng	#	99
83) Chrysene	21.68	228	600537	48.616	ng		97
84) Bis(2-ethylhexyl)phthalate	21.51	149	329050	49.767	ng		99
85) Di-n-octyl phthalate	22.71	149	571640	50.960	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	782271	50.450	ng	#	98
88) Benzo(b)fluoranthene	23.81	252	648822	48.577	ng		100
89) Benzo(k)fluoranthene	23.88	252	653408	48.594	ng		99
90) Benzo(a)pyrene	24.67	252	612674	48.036	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	660482	50.627	ng		97
92) Benzo(g,h,i)perylene	29.57	276	657819	51.118	ng		99

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

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