Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043437.D
Acq On : 31 Oct 2019 17:06
Operator : JU
Sample : K5497-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Manual Integrations APPROVED
mohammad
11/1/2019 2:05:11 PM

Quant Time: Nov 01 04:59:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	49513	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	186365	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	135219	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	309532	20.00	ng		0.00
76) Chrysene-d12	21.67	240	337812	20.00	ng		0.00
87) Perylene-d12	24.86	264	401136	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	313210	115.92	ng		0.00
7) Phenol-d6	7.21	99	458928	118.05	ng		0.00
23) Nitrobenzene-d5	9.19	82	269742	74.62	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	270363	105.07	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	616722	63.02	ng		0.00
79) Terphenyl-d14	20.00	244	1044264	57.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	40000	37.988	ng	#	93
3) Pyridine	3.89	79	99165	37.335	ng		99
4) n-Nitrosodimethylamine	3.80	42	61155	45.628	ng	#	88
6) Aniline	7.35	93	155160	34.647	ng		98
8) 2-Chlorophenol	7.59	128	142209	47.678	ng		98
9) Benzaldehyde	7.16	77	71738	37.549	ng		89
10) Phenol	7.24	94	177607	49.996	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	110878	40.370	ng		91
12) 1,3-Dichlorobenzene	7.91	146	156382	41.846	ng		92
13) 1,4-Dichlorobenzene	8.06	146	159801	42.264	ng		99
14) 1,2-Dichlorobenzene	8.38	146	151123	40.935	ng		98
15) Benzyl Alcohol	8.27	79	125561	45.989	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	158169	39.605	ng		98
17) 2-Methylphenol	8.48	107	118689	45.831	ng		94
18) Hexachloroethane	9.11	117	55714	40.842	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	102808	40.926	ng		98
20) 3+4-Methylphenols	8.81	107	157247	44.280	ng		94
22) Acetophenone	8.85	105	201482	42.216	ng		98
24) Nitrobenzene	9.23	77	154231	44.788	ng		97
25) Isophorone	9.75	82	291513	44.108	ng		98
26) 2-Nitrophenol	9.94	139	77747	46.765	ng		95
27) 2,4-Dimethylphenol	10.01	122	129402	54.306	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	160791	44.081	ng		96
29) 2,4-Dichlorophenol	10.48	162	150607	49.330	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	166971	43.392	ng		97
31) Naphthalene	10.88	128	430392	45.497	ng		98
32) Benzoic acid	10.19	122	72783	41.511	ng		97
33) 4-Chloroaniline	11.00	127	76709	19.782	ng		96
34) Hexachlorobutadiene	11.17	225	116503	40.957	ng		94
35) Caprolactam	11.77	113	47239m	44.926	ng		
36) 4-Chloro-3-methylphenol	12.12	107	157376	47.256	ng		99
37) 2-Methylnaphthalene	12.48	142	328174	45.213	ng		98
38) 1-Methylnaphthalene	12.70	142	311294	45.075	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	212990	42.562	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	264211	100.508	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	139162	47.221	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	144863	48.621	ng		98
46) 1,1'-Biphenyl	13.49	154	434738	42.262	ng		98
47) 2-Chloronaphthalene	13.53	162	337724	43.149	ng		97
48) 2-Nitroaniline	13.74	65	103538	44.261	ng		97
49) Acenaphthylene	14.37	152	545677	44.796	ng		98
50) Dimethylphthalate	14.11	163	512384	48.921	ng		99
51) 2,6-Dinitrotoluene	14.23	165	101451	44.586	ng		94
52) Acenaphthene	14.72	154	325929	43.875	ng		97
53) 3-Nitroaniline	14.56	138	59386	27.033	ng	#	88
54) 2,4-Dinitrophenol	14.77	184	114953	80.821	ng		97
55) Dibenzofuran	15.05	168	528941	43.907	ng		99
56) 4-Nitrophenol	14.90	139	152374	103.503	ng		95
57) 2,4-Dinitrotoluene	15.01	165	147107	45.239	ng		94
58) Fluorene	15.70	166	447273	44.268	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	147967	46.744	ng	#	99
60) Diethylphthalate	15.47	149	441327	41.936	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	259829	44.082	ng		98
62) 4-Nitroaniline	15.73	138	95538	42.110	ng		96
63) Azobenzene	15.98	77	376864	44.248	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	90196	49.515	ng		95
66) n-Nitrosodiphenylamine	15.90	169	393745	45.057	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	183387	44.024	ng		99
68) Hexachlorobenzene	16.71	284	204942	42.861	ng		98
69) Atrazine	16.85	200	168984	55.650	ng		94
70) Pentachlorophenol	17.05	266	223944	102.784	ng		97
71) Phenanthrene	17.44	178	723968	45.675	ng		99
72) Anthracene	17.53	178	732458	46.187	ng		100
73) Carbazole	17.80	167	661540	46.065	ng		98
74) Di-n-butylphthalate	18.35	149	765607	43.937	ng		99
75) Fluoranthene	19.44	202	953496	46.143	ng		98
77) Benzidine	19.63	184	476609	70.104	ng		99
78) Pyrene	19.81	202	967651	46.277	ng		98
80) Butylbenzylphthalate	20.69	149	351751	44.402	ng		99
81) Benzo(a)anthracene	21.64	228	975431	46.097	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	245028	29.938	ng		99
83) Chrysene	21.71	228	944426	44.921	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	507614	45.108	ng		98
85) Di-n-octyl phthalate	22.75	149	887972	46.510	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1263864	47.890	ng		99
88) Benzo(b)fluoranthene	23.85	252	1037962	45.687	ng		98
89) Benzo(k)fluoranthene	23.92	252	1041332	45.530	ng		98
90) Benzo(a)pyrene	24.72	252	977892	45.074	ng		100
91) Dibenzo(a,h)anthracene	28.58	278	1044123	47.052	ng		99
92) Benzo(g,h,i)perylene	29.65	276	1056075	48.247	ng		99

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

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