Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041857.D
Acq On : 1 Aug 2019 11:05
Operator : HP/JU
Sample : K3621-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:20 PM

Quant Time: Aug 01 15:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85713	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	329727	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	249298	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	600909	20.00	ng		0.00
76) Chrysene-d12	21.74	240	625125	20.00	ng		0.00
87) Perylene-d12	25.01	264	732799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	565810	128.43	ng		0.00
7) Phenol-d6	7.20	99	730690	123.03	ng		0.00
23) Nitrobenzene-d5	9.21	82	508856	106.20	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	508241	179.48	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1383980	97.91	ng		0.00
79) Terphenyl-d14	20.06	244	2432993	89.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	64266	30.994	ng	#	33
3) Pyridine	3.88	79	151899	26.714	ng		90
4) n-Nitrosodimethylamine	3.78	42	87697	38.906	ng		98
6) Aniline	7.36	93	157343	18.814	ng		97
8) 2-Chlorophenol	7.61	128	237628	47.105	ng		92
9) Benzaldehyde	7.17	77	117222	28.050	ng		92
10) Phenol	7.22	94	250611	40.559	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	207238	40.798	ng		93
12) 1,3-Dichlorobenzene	7.93	146	270236	41.044	ng		98
13) 1,4-Dichlorobenzene	8.08	146	274713	41.699	ng		98
14) 1,2-Dichlorobenzene	8.40	146	259757	41.321	ng		94
15) Benzyl Alcohol	8.28	79	217289	46.503	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	347242	38.424	ng		96
17) 2-Methylphenol	8.48	107	202138	44.983	ng		99
18) Hexachloroethane	9.14	117	95428	42.299	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	176973	41.043	ng		89
20) 3+4-Methylphenols	8.81	107	279156	45.396	ng		99
22) Acetophenone	8.87	105	348398	47.239	ng	#	91
24) Nitrobenzene	9.25	77	255688	50.654	ng		96
25) Isophorone	9.78	82	494744	47.467	ng		97
26) 2-Nitrophenol	9.97	139	143793	61.378	ng		94
27) 2,4-Dimethylphenol	10.03	122	238450	57.670	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	297856	45.730	ng		100
29) 2,4-Dichlorophenol	10.51	162	281366	55.879	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	299444	46.897	ng		98
31) Naphthalene	10.92	128	724151	47.987	ng		98
32) Benzoic acid	10.16	122	15909m	13.135	ng		
33) 4-Chloroaniline	11.02	127	36643	5.120	ng		96
34) Hexachlorobutadiene	11.21	225	195147	45.284	ng		99
35) Caprolactam	11.80	113	84966	48.555	ng	#	75
36) 4-Chloro-3-methylphenol	12.14	107	289358	57.964	ng		97
37) 2-Methylnaphthalene	12.52	142	584976	48.973	ng		99
38) 1-Methylnaphthalene	12.75	142	557004	49.206	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	374635	47.474	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425820	95.976	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	273400	54.815	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	305586	58.958	ng		94
46) 1,1'-Biphenyl	13.53	154	767276	47.878	ng		96
47) 2-Chloronaphthalene	13.58	162	630593	46.217	ng		98
48) 2-Nitroaniline	13.77	65	194165	56.110	ng		90
49) Acenaphthylene	14.42	152	1011986	49.584	ng		97
50) Dimethylphthalate	14.15	163	878310	51.587	ng		99
51) 2,6-Dinitrotoluene	14.26	165	211744	59.476	ng		89
52) Acenaphthene	14.76	154	626822	47.221	ng		99
53) 3-Nitroaniline	14.59	138	75417	19.801	ng	#	87
54) 2,4-Dinitrophenol	14.80	184	53753	32.971	ng		94
55) Dibenzofuran	15.10	168	1016519	50.066	ng		96
56) 4-Nitrophenol	14.90	139	332638	115.056	ng		96
57) 2,4-Dinitrotoluene	15.06	165	298707	61.011	ng		87
58) Fluorene	15.75	166	835749	51.293	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	292486	56.977	ng		94
60) Diethylphthalate	15.52	149	872112	52.174	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	499755	50.241	ng		96
62) 4-Nitroaniline	15.76	138	226409	54.882	ng		97
63) Azobenzene	16.04	77	676169	49.519	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	85902	31.890	ng		84
66) n-Nitrosodiphenylamine	15.96	169	806263	49.257	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	352498	47.622	ng		96
68) Hexachlorobenzene	16.76	284	362695	46.837	ng		93
69) Atrazine	16.90	200	324617	50.475	ng		99
70) Pentachlorophenol	17.10	266	178390	40.551	ng		99
71) Phenanthrene	17.49	178	1407110	48.852	ng		97
72) Anthracene	17.58	178	1454789	50.643	ng		96
73) Carbazole	17.85	167	1309411	50.785	ng		97
74) Di-n-butylphthalate	18.42	149	1448684	49.561	ng		98
75) Fluoranthene	19.50	202	1739952	49.697	ng		94
77) Benzidine	19.68	184	294652	14.441	ng		97
78) Pyrene	19.86	202	1765577	47.670	ng		95
80) Butylbenzylphthalate	20.75	149	711945	50.136	ng		93
81) Benzo(a)anthracene	21.71	228	1771830	47.906	ng		97
82) 3,3'-Dichlorobenzidine	21.63	252	315423	21.241	ng	#	96
83) Chrysene	21.78	228	1734555	48.926	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	998302	50.965	ng		99
85) Di-n-octyl phthalate	22.87	149	1699143	51.543	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.75	276	2350240	50.078	ng	#	88
88) Benzo(b)fluoranthene	23.98	252	1983493m	49.479	ng		
89) Benzo(k)fluoranthene	24.04	252	1920251	49.175	ng	#	97
90) Benzo(a)pyrene	24.86	252	1953474	50.810	ng	#	97
91) Dibenzo(a,h)anthracene	28.82	278	1916457	50.766	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1948015	51.649	ng	#	95

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

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