Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041554.D
Acq On : 1 Jul 2019 11:54
Operator : HP/JU
Sample : K3601-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200027MSD

Manual Integrations APPROVED
mohammad
7/3/2019 9:47:12 AM

Quant Time: Jul 02 04:46:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32090	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	112490	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	80329	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	220209	20.00	ng		0.00
76) Chrysene-d12	21.70	240	251141	20.00	ng		0.00
87) Perylene-d12	24.98	264	281255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	225130	125.08	ng		0.00
7) Phenol-d6	7.19	99	319747	126.19	ng		0.00
23) Nitrobenzene-d5	9.21	82	223097	82.72	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	179985	131.23	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	474909	75.87	ng		0.00
79) Terphenyl-d14	20.02	244	1007474	85.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	25529	31.333	ng		97
3) Pyridine	3.82	79	60220	29.130	ng		98
4) n-Nitrosodimethylamine	3.75	42	43856	38.124	ng		95
6) Aniline	7.36	93	84976	26.018	ng		92
8) 2-Chlorophenol	7.59	128	81711	40.479	ng		94
9) Benzaldehyde	7.17	77	55844	36.494	ng		95
10) Phenol	7.22	94	103400	40.491	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	70646	34.884	ng		99
12) 1,3-Dichlorobenzene	7.91	146	89797	34.388	ng		98
13) 1,4-Dichlorobenzene	8.07	146	92674	35.205	ng		98
14) 1,2-Dichlorobenzene	8.38	146	88438	35.088	ng		98
15) Benzyl Alcohol	8.28	79	81829	40.552	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	90015	31.652	ng		98
17) 2-Methylphenol	8.48	107	72646	39.080	ng		99
18) Hexachloroethane	9.11	117	34567	33.280	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	63948	33.835	ng		94
20) 3+4-Methylphenols	8.81	107	96812	39.075	ng		99
22) Acetophenone	8.87	105	130529	38.684	ng		99
24) Nitrobenzene	9.26	77	106367	39.289	ng		96
25) Isophorone	9.77	82	183682	37.932	ng		98
26) 2-Nitrophenol	9.97	139	45424	40.176	ng		95
27) 2,4-Dimethylphenol	10.02	122	74180	47.141	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	96893	37.840	ng		99
29) 2,4-Dichlorophenol	10.50	162	92606	43.570	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	101943	37.422	ng		99
31) Naphthalene	10.90	128	242958	39.054	ng		99
32) Benzoic acid	10.14	122	6178	12.152	ng	#	75
33) 4-Chloroaniline	11.02	127	64221	24.524	ng		98
34) Hexachlorobutadiene	11.16	225	78115	36.124	ng		95
35) Caprolactam	11.82	113	26901m	40.535	ng		
36) 4-Chloro-3-methylphenol	12.14	107	96999	42.120	ng		94
37) 2-Methylnaphthalene	12.51	142	179192	38.989	ng		97
38) 1-Methylnaphthalene	12.73	142	166555	37.986	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	137983	39.009	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153420	79.945	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	85462	40.723	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	92214	44.105	ng		94
46) 1,1'-Biphenyl	13.51	154	243643	38.423	ng		97
47) 2-Chloronaphthalene	13.56	162	204256	37.519	ng		98
48) 2-Nitroaniline	13.78	65	66853	36.226	ng		91
49) Acenaphthylene	14.40	152	320807	39.425	ng		100
50) Dimethylphthalate	14.13	163	339567	46.452	ng		98
51) 2,6-Dinitrotoluene	14.26	165	62953	40.580	ng		93
52) Acenaphthene	14.74	154	185486	38.440	ng		96
53) 3-Nitroaniline	14.60	138	41842	28.253	ng		93
54) 2,4-Dinitrophenol	14.81	184	41845	44.606	ng		93
55) Dibenzofuran	15.08	168	329576	39.233	ng		99
56) 4-Nitrophenol	14.91	139	89817	93.975	ng		97
57) 2,4-Dinitrotoluene	15.05	165	90311	40.129	ng		96
58) Fluorene	15.72	166	260944	39.046	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	96160	43.628	ng		99
60) Diethylphthalate	15.48	149	282160	37.709	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	165365	38.362	ng		98
62) 4-Nitroaniline	15.77	138	57770	40.025	ng		96
63) Azobenzene	16.00	77	242656	38.463	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	53755	39.415	ng		99
66) n-Nitrosodiphenylamine	15.93	169	237781	39.234	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	113099	37.584	ng		98
68) Hexachlorobenzene	16.72	284	119420	36.832	ng		98
69) Atrazine	16.87	200	109494	42.681	ng		93
70) Pentachlorophenol	17.07	266	141897	96.587	ng		91
71) Phenanthrene	17.47	178	475627	39.202	ng		99
72) Anthracene	17.56	178	480590	39.589	ng		99
73) Carbazole	17.84	167	433680	42.024	ng		99
74) Di-n-butylphthalate	18.36	149	488444	37.658	ng		99
75) Fluoranthene	19.48	202	649001	40.121	ng		99
77) Benzidine	19.66	184	238121	42.733	ng		97
78) Pyrene	19.84	202	644533	37.594	ng		99
80) Butylbenzylphthalate	20.70	149	233955	36.539	ng		96
81) Benzo(a)anthracene	21.68	228	667339	38.221	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	158050	26.141	ng		97
83) Chrysene	21.75	228	650206	38.472	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	339857	37.440	ng		99
85) Di-n-octyl phthalate	22.77	149	582718	37.935	ng		99
86) Indeno(1,2,3-cd)pyrene	28.77	276	803163	39.246	ng	#	98
88) Benzo(b)fluoranthene	23.94	252	687482	38.323	ng		99
89) Benzo(k)fluoranthene	24.01	252	652812	37.066	ng		98
90) Benzo(a)pyrene	24.83	252	663712	38.955	ng		97
91) Dibenzo(a,h)anthracene	28.82	278	667487	39.105	ng		99
92) Benzo(g,h,i)perylene	29.96	276	671746	39.582	ng		99

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

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