Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042720.D
Acq On : 5 Sep 2019 14:56
Operator : HP/JU
Sample : PB122813BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122813BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:42 AM

Quant Time: Sep 05 18:56:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29557	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	110376	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	78976	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	186015	20.00	ng		0.00
76) Chrysene-d12	21.69	240	226356	20.00	ng		0.00
87) Perylene-d12	24.93	264	247323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	174492	119.56	ng		0.00
7) Phenol-d6	7.17	99	210647	106.86	ng		0.00
23) Nitrobenzene-d5	9.17	82	113143	70.84	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	139767	124.51	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	362555	77.64	ng		0.00
79) Terphenyl-d14	20.02	244	793884	75.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	23085	37.904	ng		95
3) Pyridine	3.82	79	48866	31.290	ng		95
4) n-Nitrosodimethylamine	3.74	42	25142	45.075	ng		93
6) Aniline	7.32	93	78828	29.981	ng		99
8) 2-Chlorophenol	7.56	128	78840	44.576	ng		98
9) Benzaldehyde	7.13	77	42006	42.563	ng		99
10) Phenol	7.19	94	83106	41.463	ng		93
11) bis(2-Chloroethyl)ether	7.42	93	60605	38.501	ng		97
12) 1,3-Dichlorobenzene	7.89	146	96121	42.721	ng		99
13) 1,4-Dichlorobenzene	8.03	146	97271	42.680	ng		98
14) 1,2-Dichlorobenzene	8.36	146	91317	41.840	ng		98
15) Benzyl Alcohol	8.24	79	56800	40.049	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74480	34.909	ng		97
17) 2-Methylphenol	8.45	107	60519	40.994	ng		96
18) Hexachloroethane	9.09	117	32030	41.052	ng		86
19) n-Nitroso-di-n-propylamine	8.81	70	45516	35.639	ng		96
20) 3+4-Methylphenols	8.78	107	78544	38.449	ng		97
22) Acetophenone	8.83	105	106561	45.139	ng	#	95
24) Nitrobenzene	9.21	77	70956	43.869	ng		98
25) Isophorone	9.74	82	124878	39.616	ng		99
26) 2-Nitrophenol	9.93	139	46068	45.450	ng		96
27) 2,4-Dimethylphenol	9.99	122	69051	49.455	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	78704	39.614	ng		99
29) 2,4-Dichlorophenol	10.48	162	86091	47.128	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	102949	45.914	ng		97
31) Naphthalene	10.87	128	231026	45.083	ng		99
32) Benzoic acid	10.15	122	21390	25.686	ng		94
33) 4-Chloroaniline	10.98	127	64018	27.062	ng		98
34) Hexachlorobutadiene	11.16	225	71212	47.257	ng		95
35) Caprolactam	11.76	113	22955	37.659	ng		92
36) 4-Chloro-3-methylphenol	12.12	107	73763	42.536	ng		98
37) 2-Methylnaphthalene	12.48	142	182192	44.278	ng		97
38) 1-Methylnaphthalene	12.70	142	168254	43.049	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	126650	49.937	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	115354	86.587	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	76434	44.586	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	79904	44.978	ng		96
46) 1,1'-Biphenyl	13.49	154	237122	46.448	ng		97
47) 2-Chloronaphthalene	13.53	162	195905	44.504	ng		99
48) 2-Nitroaniline	13.74	65	40658	38.303	ng		98
49) Acenaphthylene	14.38	152	298799	45.119	ng		100
50) Dimethylphthalate	14.11	163	244108	42.838	ng		99
51) 2,6-Dinitrotoluene	14.23	165	57681	43.670	ng		97
52) Acenaphthene	14.72	154	174394	43.367	ng		98
53) 3-Nitroaniline	14.57	138	39958	30.249	ng		96
54) 2,4-Dinitrophenol	14.78	184	66172	74.764	ng		99
55) Dibenzofuran	15.06	168	304459	45.739	ng		100
56) 4-Nitrophenol	14.89	139	77360	82.416	ng		94
57) 2,4-Dinitrotoluene	15.02	165	82065	43.388	ng		94
58) Fluorene	15.71	166	247059	45.405	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	82388m	46.896	ng		
60) Diethylphthalate	15.47	149	234814	42.153	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	144987	44.203	ng		99
62) 4-Nitroaniline	15.73	138	60473	42.774	ng		95
63) Azobenzene	15.99	77	151859	39.784	ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	55054	47.207	ng		97
66) n-Nitrosodiphenylamine	15.91	169	226691	44.314	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	103336	43.796	ng		98
68) Hexachlorobenzene	16.72	284	112545	43.878	ng		98
69) Atrazine	16.86	200	89213	49.316	ng		96
70) Pentachlorophenol	17.07	266	116827	87.662	ng		99
71) Phenanthrene	17.45	178	433270	46.892	ng		98
72) Anthracene	17.54	178	443808	48.115	ng		99
73) Carbazole	17.81	167	397104	48.305	ng		99
74) Di-n-butylphthalate	18.37	149	457001	47.028	ng		100
75) Fluoranthene	19.47	202	612510	54.318	ng		96
77) Benzidine	19.64	184	232924	35.891	ng		99
78) Pyrene	19.83	202	615831	44.375	ng		99
80) Butylbenzylphthalate	20.71	149	221811	40.636	ng		97
81) Benzo(a)anthracene	21.67	228	626286	45.483	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	206563	37.300	ng		100
83) Chrysene	21.73	228	601907	45.326	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	316991	41.826	ng		99
85) Di-n-octyl phthalate	22.78	149	549718	42.173	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	782750	43.374	ng	#	98
88) Benzo(b)fluoranthene	23.90	252	687266	50.546	ng		99
89) Benzo(k)fluoranthene	23.97	252	660699m	50.553	ng		
90) Benzo(a)pyrene	24.78	252	668632	51.823	ng	#	99
91) Dibenzo(a,h)anthracene	28.70	278	657351	50.319	ng		97
92) Benzo(g,h,i)perylene	29.81	276	658662	50.412	ng		97

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

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