Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041576.D
Acq On : 2 Jul 2019 17:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/3/2019 10:56:05 PM

Quant Time: Jul 03 07:47:39 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	23435	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	88222	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	60923	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	168778	20.00	ng		0.00
76) Chrysene-d12	21.70	240	205151	20.00	ng		0.00
87) Perylene-d12	24.99	264	225586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	103898	79.04	ng		0.00
7) Phenol-d6	7.19	99	142207	76.85	ng		0.00
23) Nitrobenzene-d5	9.21	82	163054	77.08	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	84825	81.55	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	383702	80.82	ng		0.00
79) Terphenyl-d14	20.03	244	747914	77.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	25013	42.038	ng		99
3) Pyridine	3.83	79	65052	43.090	ng		97
4) n-Nitrosodimethylamine	3.75	42	33938	40.398	ng		95
6) Aniline	7.35	93	91605	38.406	ng		95
8) 2-Chlorophenol	7.59	128	57983	39.333	ng		96
9) Benzaldehyde	7.17	77	40060	35.848	ng		99
10) Phenol	7.22	94	70561	37.836	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	54664	36.961	ng		94
12) 1,3-Dichlorobenzene	7.91	146	77336	40.554	ng		97
13) 1,4-Dichlorobenzene	8.06	146	77197	40.156	ng		96
14) 1,2-Dichlorobenzene	8.38	146	72561	39.421	ng		99
15) Benzyl Alcohol	8.28	79	55634	37.753	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	70505	33.948	ng		93
17) 2-Methylphenol	8.48	107	52263	38.498	ng		95
18) Hexachloroethane	9.10	117	30767	40.561	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	50480	36.573	ng	#	98
20) 3+4-Methylphenols	8.80	107	69096	38.188	ng		97
22) Acetophenone	8.86	105	103374	39.064	ng		99
24) Nitrobenzene	9.26	77	82264	38.745	ng		98
25) Isophorone	9.77	82	139340	36.690	ng		98
26) 2-Nitrophenol	9.96	139	32827	37.021	ng		98
27) 2,4-Dimethylphenol	10.02	122	47640	38.603	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	73450	36.575	ng		98
29) 2,4-Dichlorophenol	10.51	162	66122	39.667	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	83552	39.107	ng		99
31) Naphthalene	10.90	128	189125	38.764	ng		98
32) Benzoic acid	10.17	122	27033m	40.877	ng		
33) 4-Chloroaniline	11.02	127	77606	37.787	ng		97
34) Hexachlorobutadiene	11.16	225	70034	41.296	ng		98
35) Caprolactam	11.81	113	19662	37.777	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	66656	36.906	ng		99
37) 2-Methylnaphthalene	12.51	142	135209	37.512	ng		99
38) 1-Methylnaphthalene	12.72	142	127117	36.966	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	107994	40.256	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	50020	36.446	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	63249	39.738	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	64479	40.664	ng		97
46) 1,1'-Biphenyl	13.51	154	185782	38.631	ng		96
47) 2-Chloronaphthalene	13.56	162	159537	38.640	ng		98
48) 2-Nitroaniline	13.78	65	51875	37.063	ng		96
49) Acenaphthylene	14.40	152	240733	39.008	ng		98
50) Dimethylphthalate	14.13	163	216005	38.961	ng		98
51) 2,6-Dinitrotoluene	14.26	165	45402	38.589	ng		92
52) Acenaphthene	14.74	154	140083	38.278	ng		99
53) 3-Nitroaniline	14.60	138	42378	37.730	ng		96
54) 2,4-Dinitrophenol	14.81	184	22547	33.993	ng		88
55) Dibenzofuran	15.07	168	252651	39.656	ng		99
56) 4-Nitrophenol	14.92	139	26295	36.276	ng		99
57) 2,4-Dinitrotoluene	15.05	165	66851	39.167	ng		98
58) Fluorene	15.72	166	199400	39.341	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	67745	40.526	ng		97
60) Diethylphthalate	15.48	149	219995	38.766	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	130499	39.917	ng		99
62) 4-Nitroaniline	15.77	138	40612	37.100	ng		95
63) Azobenzene	16.00	77	183171	38.283	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	36538	34.955	ng		97
66) n-Nitrosodiphenylamine	15.93	169	172147	37.060	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	89050	38.610	ng		99
68) Hexachlorobenzene	16.72	284	97402	39.196	ng		98
69) Atrazine	16.87	200	70160	35.682	ng		98
70) Pentachlorophenol	17.08	266	37174	33.014	ng		89
71) Phenanthrene	17.47	178	361925	38.921	ng		99
72) Anthracene	17.56	178	357098	38.380	ng		98
73) Carbazole	17.84	167	314429	39.753	ng		99
74) Di-n-butylphthalate	18.36	149	387773	39.007	ng		100
75) Fluoranthene	19.47	202	509407	41.088	ng		99
77) Benzidine	19.66	184	177184	38.926	ng		100
78) Pyrene	19.84	202	521326	37.224	ng		99
80) Butylbenzylphthalate	20.70	149	193750	37.043	ng		95
81) Benzo(a)anthracene	21.68	228	566463	39.716	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	191918	38.859	ng	#	96
83) Chrysene	21.75	228	546446	39.581	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	275227	37.117	ng		98
85) Di-n-octyl phthalate	22.76	149	461249	36.758	ng		100
86) Indeno(1,2,3-cd)pyrene	28.77	276	657726	39.344	ng	#	97
88) Benzo(b)fluoranthene	23.93	252	565030	39.270	ng		99
89) Benzo(k)fluoranthene	24.00	252	548774m	38.848	ng		
90) Benzo(a)pyrene	24.83	252	529731	38.764	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	534452	39.038	ng		98
92) Benzo(g,h,i)perylene	29.96	276	528125	38.798	ng		98

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

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