Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041508.D
Acq On : 28 Jun 2019 11:50
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/2/2019 9:44:05 AM

Quant Time: Jun 29 01:54:35 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	26308	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	106763	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	76762	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	204659	20.00	ng		0.00
76) Chrysene-d12	21.70	240	231816	20.00	ng		0.00
87) Perylene-d12	24.98	264	246306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	128051	86.78	ng		0.00
7) Phenol-d6	7.19	99	184120	88.64	ng		0.00
23) Nitrobenzene-d5	9.21	82	209349	81.78	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	112480	85.82	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	498791	83.38	ng		0.00
79) Terphenyl-d14	20.02	244	881672	80.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	29006	43.425	ng		97
3) Pyridine	3.83	79	77126	45.508	ng		97
4) n-Nitrosodimethylamine	3.75	42	43457	46.080	ng		93
6) Aniline	7.36	93	117627	43.930	ng		95
8) 2-Chlorophenol	7.59	128	73510	44.420	ng		95
9) Benzaldehyde	7.17	77	53334	42.514	ng		94
10) Phenol	7.22	94	91835	43.866	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	71556	43.099	ng		95
12) 1,3-Dichlorobenzene	7.91	146	92605	43.258	ng		98
13) 1,4-Dichlorobenzene	8.06	146	92464	42.845	ng		94
14) 1,2-Dichlorobenzene	8.38	146	88862	43.005	ng		98
15) Benzyl Alcohol	8.27	79	74963	45.315	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	94088	40.355	ng		94
17) 2-Methylphenol	8.47	107	66431	43.591	ng		97
18) Hexachloroethane	9.11	117	35549	41.747	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	65952	42.565	ng		96
20) 3+4-Methylphenols	8.81	107	90192	44.403	ng		95
22) Acetophenone	8.87	105	131894	41.185	ng	#	99
24) Nitrobenzene	9.25	77	105129	40.915	ng		95
25) Isophorone	9.77	82	185717	40.409	ng		98
26) 2-Nitrophenol	9.97	139	43922	40.931	ng		94
27) 2,4-Dimethylphenol	10.01	122	63422	42.466	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	98774	40.644	ng		99
29) 2,4-Dichlorophenol	10.51	162	87616	43.434	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	107118	41.431	ng		95
31) Naphthalene	10.91	128	241642	40.927	ng		99
32) Benzoic acid	10.17	122	46923m	51.338	ng		
33) 4-Chloroaniline	11.02	127	105907	42.612	ng		95
34) Hexachlorobutadiene	11.16	225	84293	41.072	ng		93
35) Caprolactam	11.82	113	26919	42.738	ng		91
36) 4-Chloro-3-methylphenol	12.14	107	92835	42.475	ng		97
37) 2-Methylnaphthalene	12.51	142	179536	41.160	ng		95
38) 1-Methylnaphthalene	12.73	142	171154	41.129	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	140640	41.608	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	65634	37.804	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	85595	42.682	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	86222	43.156	ng		97
46) 1,1'-Biphenyl	13.51	154	249641	41.198	ng		98
47) 2-Chloronaphthalene	13.56	162	215412	41.407	ng		100
48) 2-Nitroaniline	13.77	65	72135	40.904	ng		94
49) Acenaphthylene	14.41	152	318923	41.015	ng		98
50) Dimethylphthalate	14.13	163	283664	40.608	ng		99
51) 2,6-Dinitrotoluene	14.26	165	59780	40.326	ng		96
52) Acenaphthene	14.74	154	189396	41.074	ng		98
53) 3-Nitroaniline	14.60	138	58357	41.236	ng		97
54) 2,4-Dinitrophenol	14.81	184	32186	37.455	ng		97
55) Dibenzofuran	15.08	168	333541	41.550	ng		99
56) 4-Nitrophenol	14.91	139	38207	41.833	ng		98
57) 2,4-Dinitrotoluene	15.05	165	86808	40.365	ng	#	94
58) Fluorene	15.72	166	266315	41.702	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	93766	44.518	ng		98
60) Diethylphthalate	15.48	149	295539	41.332	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	171544	41.645	ng		98
62) 4-Nitroaniline	15.76	138	62269	45.147	ng		98
63) Azobenzene	16.01	77	248514	41.222	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	52094	41.099	ng		98
66) n-Nitrosodiphenylamine	15.93	169	236060	41.909	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	115941	41.456	ng		96
68) Hexachlorobenzene	16.72	284	123946	41.133	ng		97
69) Atrazine	16.87	200	92944	38.983	ng		96
70) Pentachlorophenol	17.07	266	62531	45.798	ng		98
71) Phenanthrene	17.47	178	467629	41.472	ng		99
72) Anthracene	17.56	178	469994	41.658	ng		99
73) Carbazole	17.84	167	402311	41.947	ng		99
74) Di-n-butylphthalate	18.36	149	490895	40.723	ng		100
75) Fluoranthene	19.48	202	625656	41.617	ng		98
77) Benzidine	19.66	184	202629	39.395	ng		99
78) Pyrene	19.84	202	633604	40.037	ng		100
80) Butylbenzylphthalate	20.71	149	239640	40.547	ng		97
81) Benzo(a)anthracene	21.68	228	662764	41.123	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	228006	40.855	ng	#	98
83) Chrysene	21.75	228	635934	40.765	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	329653	39.343	ng		99
85) Di-n-octyl phthalate	22.76	149	574391	40.510	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	740645	39.208	ng		99
88) Benzo(b)fluoranthene	23.93	252	643320	40.950	ng		99
89) Benzo(k)fluoranthene	24.00	252	638675	41.409	ng		98
90) Benzo(a)pyrene	24.83	252	615338	41.241	ng		99
91) Dibenzo(a,h)anthracene	28.83	278	602407	40.300	ng		97
92) Benzo(g,h,i)perylene	29.95	276	583795	39.280	ng		99

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

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