Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040193.D
Acq On : 28 Mar 2019 10:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:17 PM

Quant Time: Mar 29 06:52:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57426	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	246204	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	152350	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	367148	20.00	ng		0.00
76) Chrysene-d12	21.73	240	367509	20.00	ng		0.00
87) Perylene-d12	25.03	264	385026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	263183	76.19	ng		0.00
7) Phenol-d6	7.22	99	365652	76.59	ng		0.00
23) Nitrobenzene-d5	9.25	82	346889	74.89	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	127653	77.53	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	786970	76.54	ng		0.00
79) Terphenyl-d14	20.05	244	1190563	72.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	61983	38.160	ng		95
3) Pyridine	3.92	79	170526	38.992	ng		97
4) n-Nitrosodimethylamine	3.85	42	74924	37.036	ng		88
6) Aniline	7.40	93	232309	37.454	ng		99
8) 2-Chlorophenol	7.63	128	152725	37.769	ng		96
9) Benzaldehyde	7.21	77	124201	37.927	ng		92
10) Phenol	7.25	94	196717	37.963	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	154377	37.197	ng		98
12) 1,3-Dichlorobenzene	7.95	146	167447	38.093	ng		99
13) 1,4-Dichlorobenzene	8.11	146	165632	37.832	ng		97
14) 1,2-Dichlorobenzene	8.42	146	158111	37.765	ng		98
15) Benzyl Alcohol	8.31	79	138492	36.021	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	291781	36.632	ng		99
17) 2-Methylphenol	8.51	107	130441	36.378	ng		98
18) Hexachloroethane	9.15	117	61098	36.688	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	124078	36.250	ng		98
20) 3+4-Methylphenols	8.84	107	176638	36.364	ng		95
22) Acetophenone	8.90	105	230359	37.508	ng	#	98
24) Nitrobenzene	9.29	77	183880	38.336	ng		98
25) Isophorone	9.80	82	352734	37.011	ng		98
26) 2-Nitrophenol	10.00	139	85468	37.605	ng		95
27) 2,4-Dimethylphenol	10.04	122	136811	37.896	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	213808	37.919	ng		98
29) 2,4-Dichlorophenol	10.53	162	147003	37.514	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	163137	37.915	ng		97
31) Naphthalene	10.94	128	485534	38.474	ng		99
32) Benzoic acid	10.18	122	76302m	34.981	ng		
33) 4-Chloroaniline	11.05	127	207181	38.488	ng		98
34) Hexachlorobutadiene	11.20	225	103083	37.460	ng		98
35) Caprolactam	11.83	113	57063	36.695	ng		96
36) 4-Chloro-3-methylphenol	12.16	107	171737	38.122	ng		97
37) 2-Methylnaphthalene	12.53	142	357563	38.310	ng		95
38) 1-Methylnaphthalene	12.75	142	346255	38.258	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	180435	37.263	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	96719	36.378	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	117122	37.516	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	125687	36.936	ng		97
46) 1,1'-Biphenyl	13.54	154	457032	37.967	ng		99
47) 2-Chloronaphthalene	13.58	162	355950	38.549	ng		98
48) 2-Nitroaniline	13.79	65	116369	37.363	ng		95
49) Acenaphthylene	14.43	152	599341	38.283	ng		99
50) Dimethylphthalate	14.15	163	459913	38.572	ng		99
51) 2,6-Dinitrotoluene	14.28	165	103347	38.602	ng		97
52) Acenaphthene	14.77	154	344296	38.380	ng		97
53) 3-Nitroaniline	14.62	138	111399	39.309	ng		94
54) 2,4-Dinitrophenol	14.82	184	51202	35.961	ng		94
55) Dibenzofuran	15.10	168	558630	38.754	ng		99
56) 4-Nitrophenol	14.92	139	89087	38.949	ng		95
57) 2,4-Dinitrotoluene	15.07	165	144969	38.969	ng		97
58) Fluorene	15.75	166	431587	38.082	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	119889	38.826	ng		99
60) Diethylphthalate	15.50	149	468987	38.438	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	232827	38.434	ng		99
62) 4-Nitroaniline	15.78	138	121261	39.871	ng		97
63) Azobenzene	16.03	77	436824	37.955	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	76401	37.039	ng		96
66) n-Nitrosodiphenylamine	15.95	169	393166	36.595	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	153711	37.203	ng		96
68) Hexachlorobenzene	16.74	284	154516	37.195	ng		98
69) Atrazine	16.89	200	150283	37.603	ng		98
70) Pentachlorophenol	17.09	266	87255	36.330	ng		97
71) Phenanthrene	17.49	178	727951	37.722	ng		98
72) Anthracene	17.58	178	733870	37.993	ng		99
73) Carbazole	17.85	167	696086	38.079	ng		99
74) Di-n-butylphthalate	18.38	149	832128	38.403	ng		100
75) Fluoranthene	19.49	202	889821	38.940	ng		100
77) Benzidine	19.68	184	501905	37.819	ng		99
78) Pyrene	19.86	202	894995	37.032	ng		99
80) Butylbenzylphthalate	20.73	149	377233	36.477	ng		94
81) Benzo(a)anthracene	21.70	228	837225	36.986	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	324053	37.632	ng		100
83) Chrysene	21.77	228	804989	37.002	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	524754	35.497	ng		99
85) Di-n-octyl phthalate	22.81	149	890912	35.372	ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	994302	37.369	ng	#	92
88) Benzo(b)fluoranthene	23.97	252	877313	37.217	ng		99
89) Benzo(k)fluoranthene	24.04	252	812925	37.500	ng		99
90) Benzo(a)pyrene	24.87	252	823491	37.233	ng		100
91) Dibenzo(a,h)anthracene	28.89	278	793922	38.649	ng		99
92) Benzo(g,h,i)perylene	30.01	276	803024	38.039	ng		99

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

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