Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040175.D
Acq On : 27 Mar 2019 17:03
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
3/28/2019 5:12:09 PM

Quant Time: Mar 28 03:27:13 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 02:00:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	56041	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	235925	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	149760	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	351721	20.00	ng		0.00
76) Chrysene-d12	21.73	240	358392	20.00	ng		0.00
87) Perylene-d12	25.03	264	368801	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	69256	20.93	ng		0.00
7) Phenol-d6	7.22	99	96327	19.76	ng		0.00
23) Nitrobenzene-d5	9.24	82	93362	21.36	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	31203	18.16	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	228713	21.76	ng		0.00
79) Terphenyl-d14	20.04	244	399992	24.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	16236	10.549	ng		96
3) Pyridine	3.93	79	44374	10.822	ng		97
4) n-Nitrosodimethylamine	3.86	42	18123	9.384	ng	#	80
8) 2-Chlorophenol	7.63	128	40924	10.242	ng		94
10) Phenol	7.25	94	52731	9.997	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	41538	10.003	ng		98
12) 1,3-Dichlorobenzene	7.96	146	44044	9.787	ng		96
13) 1,4-Dichlorobenzene	8.10	146	43755	9.569	ng		95
14) 1,2-Dichlorobenzene	8.42	146	42456m	9.628	ng		
16) 2,2'-oxybis(1-Chloropropan	8.59	45	80508	9.757	ng		100
17) 2-Methylphenol	8.50	107	37414	10.979	ng		95
18) Hexachloroethane	9.15	117	16844	10.164	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	35470	10.151	ng	#	97
20) 3+4-Methylphenols	8.83	107	46661	9.891	ng		96
22) Acetophenone	8.90	105	65935	10.544	ng	#	98
24) Nitrobenzene	9.29	77	48277	10.548	ng		93
25) Isophorone	9.80	82	96237	10.556	ng		97
26) 2-Nitrophenol	10.00	139	21218	9.670	ng		98
27) 2,4-Dimethylphenol	10.04	122	36240	10.570	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	57599	10.402	ng		95
29) 2,4-Dichlorophenol	10.53	162	38298	9.964	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	44355	10.251	ng		93
31) Naphthalene	10.94	128	131249	10.537	ng		99
34) Hexachlorobutadiene	11.20	225	27369	9.346	ng		96
35) Caprolactam	11.81	113	15243	10.322	ng		96
36) 4-Chloro-3-methylphenol	12.16	107	45255	10.285	ng		99
37) 2-Methylnaphthalene	12.54	142	97283	10.478	ng		97
38) 1-Methylnaphthalene	12.75	142	94253m	10.466	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	48249	9.562	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	29435	9.884	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	33488	10.080	ng		97
46) 1,1'-Biphenyl	13.53	154	125927	10.249	ng		99
47) 2-Chloronaphthalene	13.58	162	97280	10.496	ng		99
48) 2-Nitroaniline	13.79	65	29749	9.974	ng		89

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.43	152	167351	10.961	ng		98
50) Dimethylphthalate	14.14	163	127612	10.276	ng		98
51) 2,6-Dinitrotoluene	14.28	165	26787	10.172	ng		100
52) Acenaphthene	14.76	154	93923	10.293	ng		92
53) 3-Nitroaniline	14.62	138	28499	10.650	ng		95
55) Dibenzofuran	15.10	168	155898	10.446	ng		99
57) 2,4-Dinitrotoluene	15.07	165	35567	9.613	ng		95
58) Fluorene	15.74	166	125012	10.653	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.32	232	30127m	9.340	ng		
60) Diethylphthalate	15.50	149	131383	10.662	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	64607	10.308	ng		95
62) 4-Nitroaniline	15.78	138	30666	10.631	ng		85
63) Azobenzene	16.03	77	125279	11.126	ng		97
66) n-Nitrosodiphenylamine	15.95	169	110758	10.846	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	40930	10.352	ng		94
68) Hexachlorobenzene	16.74	284	41711	10.230	ng		93
69) Atrazine	16.89	200	41955	10.514	ng		99
71) Phenanthrene	17.49	178	205699	10.640	ng		98
72) Anthracene	17.58	178	208229	11.003	ng		98
73) Carbazole	17.86	167	195234	11.358	ng		97
74) Di-n-butylphthalate	18.39	149	236482	11.695	ng		99
75) Fluoranthene	19.50	202	254445	11.106	ng		98
77) Benzidine	19.68	184	150186	13.077	ng		93
78) Pyrene	19.86	202	259761	11.124	ng		97
80) Butylbenzylphthalate	20.73	149	103584	11.326	ng		99
81) Benzo(a)anthracene	21.71	228	242079	10.788	ng		97
82) 3,3'-Dichlorobenzidine	21.62	252	87817	10.686	ng		98
83) Chrysene	21.78	228	234795	10.784	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	154424	11.991	ng		99
85) Di-n-octyl phthalate	22.81	149	262762	12.270	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	260810	10.510	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	249587	11.259	ng		99
89) Benzo(k)fluoranthene	24.04	252	236307	11.479	ng		97
90) Benzo(a)pyrene	24.87	252	233644	11.396	ng		97
91) Dibenzo(a,h)anthracene	28.87	278	205847	10.308	ng		97
92) Benzo(g,h,i)perylene	30.00	276	207916	10.354	ng		97

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

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