Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045200.D
Acq On : 29 Apr 2020 11:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:34 PM

Quant Time: Apr 29 12:29:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	72428	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	304914	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	237008	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	562713	20.00	ng	0.00
76) Chrysene-d12	21.65	240	500410	20.00	ng	0.00
87) Perylene-d12	24.82	264	569439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	366899	83.63	ng	0.00
7) Phenol-d6	7.15	99	536384	82.29	ng	0.00
23) Nitrobenzene-d5	9.15	82	533249	79.80	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	297564	81.27	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1285869	79.55	ng	0.00
79) Terphenyl-d14	20.00	244	2005658	87.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	83015	42.579	ng	97
3) Pyridine	3.85	79	236391	39.379	ng	95
4) n-Nitrosodimethylamine	3.76	42	76324	41.504	ng	99
6) Aniline	7.31	93	336578	39.715	ng	99
8) 2-Chlorophenol	7.56	128	196149	41.602	ng	99
9) Benzaldehyde	7.12	77	147547	40.237	ng	93
10) Phenol	7.18	94	267395	40.996	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	201039	38.713	ng	99
12) 1,3-Dichlorobenzene	7.88	146	227414	40.932	ng	96
13) 1,4-Dichlorobenzene	8.02	146	228629	41.298	ng	98
14) 1,2-Dichlorobenzene	8.35	146	218688	41.291	ng	98
15) Benzyl Alcohol	8.22	79	214404	39.233	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.52	45	191593	37.585	ng	99
17) 2-Methylphenol	8.44	107	201694	40.079	ng	96
18) Hexachloroethane	9.08	117	89247	42.883	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	183187	39.740	ng	97
20) 3+4-Methylphenols	8.76	107	281157	39.915	ng	96
22) Acetophenone	8.81	105	323420	39.223	ng	98
24) Nitrobenzene	9.19	77	270107	39.433	ng	97
25) Isophorone	9.72	82	535745	39.149	ng	98
26) 2-Nitrophenol	9.90	139	122851	41.637	ng	97
27) 2,4-Dimethylphenol	9.97	122	184222	39.350	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	279150	38.824	ng	99
29) 2,4-Dichlorophenol	10.44	162	223748	41.390	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	258610	42.253	ng	98
31) Naphthalene	10.85	128	673563	40.381	ng	98
32) Benzoic acid	10.13	122	148970	40.532	ng	100
33) 4-Chloroaniline	10.95	127	300409	38.617	ng	99
34) Hexachlorobutadiene	11.14	225	178274	42.483	ng	98
35) Caprolactam	11.73	113	81795	38.018	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	264982	41.727	ng	97
37) 2-Methylnaphthalene	12.46	142	531159	41.026	ng	99
38) 1-Methylnaphthalene	12.68	142	497869	40.734	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	299263	39.217	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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QLast Update : Wed Apr 29 12:24:27 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	250848	52.594	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	218837	40.633	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	247327	40.345	ng		98
46) 1,1'-Biphenyl	13.46	154	700756	38.900	ng		99
47) 2-Chloronaphthalene	13.50	162	540772	39.287	ng		99
48) 2-Nitroaniline	13.70	65	182266	40.246	ng		98
49) Acenaphthylene	14.36	152	894668	39.904	ng		99
50) Dimethylphthalate	14.09	163	749027	38.813	ng		100
51) 2,6-Dinitrotoluene	14.20	165	169258	39.212	ng		96
52) Acenaphthene	14.70	154	618922m	40.800	ng		
53) 3-Nitroaniline	14.53	138	173677	36.686	ng		93
54) 2,4-Dinitrophenol	14.74	184	124692	48.581	ng		93
55) Dibenzofuran	15.03	168	874118	39.524	ng		99
56) 4-Nitrophenol	14.84	139	127934	34.853	ng		90
57) 2,4-Dinitrotoluene	14.99	165	245673	38.946	ng		98
58) Fluorene	15.68	166	727293	40.260	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	221655	40.636	ng		100
60) Diethylphthalate	15.45	149	778385	38.686	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	418485	40.247	ng		99
62) 4-Nitroaniline	15.70	138	177622	36.174	ng		96
63) Azobenzene	15.97	77	725496	39.110	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	151662	41.004	ng		95
66) n-Nitrosodiphenylamine	15.89	169	640098	39.591	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	293294	40.402	ng		96
68) Hexachlorobenzene	16.69	284	309759	41.143	ng		98
69) Atrazine	16.84	200	229575	38.210	ng		99
70) Pentachlorophenol	17.04	266	217780	47.152	ng		98
71) Phenanthrene	17.42	178	1145763	39.623	ng		99
72) Anthracene	17.51	178	1163483	40.112	ng		100
73) Carbazole	17.78	167	1102198	37.444	ng		100
74) Di-n-butylphthalate	18.35	149	1308946	40.204	ng		99
75) Fluoranthene	19.43	202	1398990	40.552	ng		99
77) Benzidine	19.61	184	585125	39.664	ng		98
78) Pyrene	19.79	202	1385441	40.159	ng		100
80) Butylbenzylphthalate	20.68	149	587594	41.090	ng		99
81) Benzo(a)anthracene	21.62	228	1319707	40.689	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	546627	42.344	ng	#	98
83) Chrysene	21.69	228	1286663	41.288	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	807183	41.042	ng		99
85) Di-n-octyl phthalate	22.75	149	1394678	41.008	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1686989	40.774	ng	#	96
88) Benzo(b)fluoranthene	23.81	252	1439742	40.363	ng		99
89) Benzo(k)fluoranthene	23.89	252	1369221	40.364	ng		98
90) Benzo(a)pyrene	24.67	252	1339564	39.776	ng		98
91) Dibenzo(a,h)anthracene	28.48	278	1369072	40.344	ng		97
92) Benzo(g,h,i)perylene	29.55	276	1360557	39.991	ng		98

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

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