Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044985.D
Acq On : 15 Apr 2020 16:57
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
4/16/2020 12:54:52 PM

Quant Time: Apr 15 17:51:13 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 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	91174	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	363224	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	262788	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	630256	20.00	ng		0.00
76) Chrysene-d12	21.67	240	581798	20.00	ng		0.00
87) Perylene-d12	24.86	264	653576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	943490	161.09	ng		0.00
7) Phenol-d6	7.19	99	1421100	167.00	ng		0.01
23) Nitrobenzene-d5	9.19	82	1421557	171.74	ng		0.01
42) 2,4,6-Tribromophenol	16.15	330	754848	219.38	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	2914925	158.85	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	216920	76.911	ng		98
3) Pyridine	3.89	79	690614m	82.714	ng		
4) n-Nitrosodimethylamine	3.80	42	209686	66.190	ng		99
6) Aniline	7.35	93	931332	87.955	ng		99
8) 2-Chlorophenol	7.59	128	518259	88.641	ng		98
10) Phenol	7.22	94	726283	86.208	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	560162	83.312	ng		98
12) 1,3-Dichlorobenzene	7.92	146	595578	82.693	ng		99
13) 1,4-Dichlorobenzene	8.06	146	600510	84.337	ng		98
14) 1,2-Dichlorobenzene	8.38	146	575146	85.169	ng		96
15) Benzyl Alcohol	8.26	79	603775	88.431	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	549916	46.346	ng		95
17) 2-Methylphenol	8.47	107	562797	98.619	ng		96
18) Hexachloroethane	9.12	117	227884	81.292	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	505604	84.145	ng		96
20) 3+4-Methylphenols	8.80	107	779554	99.094	ng		98
22) Acetophenone	8.85	105	870596	84.605	ng	#	98
24) Nitrobenzene	9.23	77	750136	87.339	ng	#	98
25) Isophorone	9.76	82	1436988	88.950	ng		96
26) 2-Nitrophenol	9.94	139	336181	120.037	ng		98
27) 2,4-Dimethylphenol	10.01	122	512734	97.460	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	750268	77.820	ng		99
29) 2,4-Dichlorophenol	10.48	162	587519	95.611	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	662951	90.228	ng		99
31) Naphthalene	10.89	128	1741377	86.546	ng		97
32) Benzoic acid	10.21	122	483697	132.606	ng		99
33) 4-Chloroaniline	10.99	127	827983	91.337	ng		99
34) Hexachlorobutadiene	11.18	225	451250	93.391	ng		100
35) Caprolactam	11.79	113	234509m	100.797	ng		
36) 4-Chloro-3-methylphenol	12.12	107	681859	93.040	ng		97
37) 2-Methylnaphthalene	12.49	142	1339733	89.012	ng		97
38) 1-Methylnaphthalene	12.71	142	1269589	89.723	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	766872	88.611	ng		99
41) Hexachlorocyclopentadiene	12.85	237	516062	109.111	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	544314	94.770	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	614409	103.151	ng		99
46) 1,1'-Biphenyl	13.50	154	1739524	82.834	ng		95
47) 2-Chloronaphthalene	13.54	162	1342468	83.683	ng		96
48) 2-Nitroaniline	13.73	65	466508	83.063	ng		97
49) Acenaphthylene	14.38	152	2135838	84.983	ng		95
50) Dimethylphthalate	14.12	163	1818280	86.875	ng	#	95
51) 2,6-Dinitrotoluene	14.23	165	441399	104.626	ng		96
52) Acenaphthene	14.73	154	1524510m	92.622	ng		
53) 3-Nitroaniline	14.56	138	476048	98.147	ng		96
54) 2,4-Dinitrophenol	14.77	184	298748	159.216	ng		93
55) Dibenzofuran	15.06	168	2094090	87.734	ng		92
56) 4-Nitrophenol	14.87	139	380929	102.906	ng		100
57) 2,4-Dinitrotoluene	15.02	165	641752	110.915	ng		99
58) Fluorene	15.71	166	1712229	87.206	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	546962	99.741	ng		98
60) Diethylphthalate	15.48	149	1877123	85.989	ng		95
61) 4-Chlorophenyl-phenylether	15.70	204	1026432	97.087	ng		98
62) 4-Nitroaniline	15.74	138	482936	93.375	ng		99
63) Azobenzene	16.00	77	1771171	78.131	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	404160	148.080	ng		96
66) n-Nitrosodiphenylamine	15.92	169	1570677	82.776	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	728170	92.418	ng		97
68) Hexachlorobenzene	16.72	284	754715	88.292	ng		98
70) Pentachlorophenol	17.06	266	473868	100.754	ng		98
71) Phenanthrene	17.45	178	2642085	78.447	ng	#	91
72) Anthracene	17.55	178	2648492	79.749	ng	#	92
80) Butylbenzylphthalate	20.71	149	1435975	75.619	ng		96
81) Benzo(a)anthracene	21.66	228	3113620	74.322	ng		91
82) 3,3'-Dichlorobenzidine	21.57	252	1254005	77.373	ng		98
83) Chrysene	21.72	228	2949184	73.696	ng	#	90
84) Bis(2-ethylhexyl)phthalate	21.58	149	1905538	72.709	ng	#	94
85) Di-n-octyl phthalate	22.78	149	3244031	73.970	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.51	276	4366166	83.221	ng		99
88) Benzo(b)fluoranthene	23.86	252	3542310	82.098	ng		97
89) Benzo(k)fluoranthene	23.93	252	3260599	79.853	ng		96
90) Benzo(a)pyrene	24.73	252	3334627	82.594	ng		96
91) Dibenzo(a,h)anthracene	28.58	278	3417868	85.810	ng		95
92) Benzo(g,h,i)perylene	29.65	276	3496153	86.878	ng		98

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

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