Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041274.D
Acq On : 17 Jun 2019 15:08
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG061719

Manual Integrations APPROVED
mohammad
6/20/2019 10:48:41 AM

Quant Time: Jun 17 16:07:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32257	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	134406	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101289	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	260861	20.00	ng	0.00
76) Chrysene-d12	21.74	240	267413	20.00	ng	0.00
87) Perylene-d12	25.05	264	282659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	139692	79.57	ng	0.00
7) Phenol-d6	7.23	99	215108	84.53	ng	0.00
23) Nitrobenzene-d5	9.26	82	258842	80.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	122166	78.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	596295	80.01	ng	0.00
79) Terphenyl-d14	20.06	244	1128732	83.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	33201	37.715	ng	97
3) Pyridine	3.88	79	95496	40.891	ng	96
4) n-Nitrosodimethylamine	3.81	42	49993	40.142	ng	88
6) Aniline	7.40	93	148522	41.990	ng	96
8) 2-Chlorophenol	7.64	128	86116	41.747	ng	97
9) Benzaldehyde	7.22	77	65544	40.270	ng	97
10) Phenol	7.26	94	113873	41.613	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	88005	42.385	ng	98
12) 1,3-Dichlorobenzene	7.97	146	103702	40.151	ng	94
13) 1,4-Dichlorobenzene	8.11	146	108321	41.057	ng	92
14) 1,2-Dichlorobenzene	8.44	146	102311	40.600	ng	98
15) Benzyl Alcohol	8.32	79	101201	41.508	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.61	45	139719	41.107	ng	98
17) 2-Methylphenol	8.52	107	81186	41.498	ng	98
18) Hexachloroethane	9.17	117	43911	42.000	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	88092	42.802	ng	97
20) 3+4-Methylphenols	8.85	107	112910	43.354	ng	94
22) Acetophenone	8.91	105	159983	40.903	ng	95
24) Nitrobenzene	9.31	77	131896	41.036	ng	99
25) Isophorone	9.82	82	245752	41.914	ng	98
26) 2-Nitrophenol	10.01	139	54124	41.535	ng	98
27) 2,4-Dimethylphenol	10.06	122	76269	39.047	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	127091	41.601	ng	95
29) 2,4-Dichlorophenol	10.55	162	101962	42.100	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	124908	40.270	ng	97
31) Naphthalene	10.95	128	297864	40.777	ng	99
32) Benzoic acid	10.19	122	55097	43.332	ng	90
33) 4-Chloroaniline	11.07	127	132474	42.701	ng	96
34) Hexachlorobutadiene	11.22	225	97807	39.725	ng	94
35) Caprolactam	11.86	113	34268	41.100	ng	95
36) 4-Chloro-3-methylphenol	12.17	107	116368	41.597	ng	96
37) 2-Methylnaphthalene	12.55	142	222784	41.409	ng	99
38) 1-Methylnaphthalene	12.77	142	211877	41.161	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	164645	39.365	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	108371	38.466	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	104421	40.358	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	107826	40.502	ng		99
46) 1,1'-Biphenyl	13.55	154	308574	40.298	ng		98
47) 2-Chloronaphthalene	13.60	162	267909	40.638	ng		98
48) 2-Nitroaniline	13.81	65	99186	41.080	ng		91
49) Acenaphthylene	14.45	152	395681	39.552	ng		99
50) Dimethylphthalate	14.17	163	361156	40.074	ng		100
51) 2,6-Dinitrotoluene	14.30	165	76002	39.995	ng		97
52) Acenaphthene	14.78	154	232729	39.617	ng		97
53) 3-Nitroaniline	14.64	138	74261	39.665	ng		98
54) 2,4-Dinitrophenol	14.84	184	49312	38.749	ng		97
55) Dibenzofuran	15.12	168	404808	39.634	ng		99
56) 4-Nitrophenol	14.93	139	56048	41.038	ng		99
57) 2,4-Dinitrotoluene	15.08	165	112157	40.376	ng	#	98
58) Fluorene	15.76	166	319820	39.805	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113319m	41.161	ng		
60) Diethylphthalate	15.52	149	366939	40.058	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	206596	39.521	ng		99
62) 4-Nitroaniline	15.80	138	83413	41.656	ng		99
63) Azobenzene	16.04	77	323442	39.579	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	69012	40.758	ng		96
66) n-Nitrosodiphenylamine	15.97	169	284903	41.132	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	137407	40.737	ng		97
68) Hexachlorobenzene	16.76	284	147478	40.831	ng		94
69) Atrazine	16.91	200	108851	43.441	ng		97
70) Pentachlorophenol	17.11	266	79459	42.962	ng		98
71) Phenanthrene	17.51	178	568709	40.877	ng		98
72) Anthracene	17.60	178	567456	41.372	ng		98
73) Carbazole	17.87	167	488451	40.709	ng		99
74) Di-n-butylphthalate	18.40	149	615774	41.131	ng		100
75) Fluoranthene	19.51	202	756915	40.952	ng		100
77) Benzidine	19.69	184	239402	37.013	ng		97
78) Pyrene	19.87	202	755633	41.899	ng		99
80) Butylbenzylphthalate	20.74	149	284710	41.737	ng		99
81) Benzo(a)anthracene	21.72	228	735022	40.595	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	254539	40.047	ng		99
83) Chrysene	21.79	228	713167	40.957	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	379737	40.848	ng		99
85) Di-n-octyl phthalate	22.82	149	640315	40.712	ng		99
86) Indeno(1,2,3-cd)pyrene	28.85	276	830514	40.202	ng		99
88) Benzo(b)fluoranthene	23.99	252	714005	40.760	ng		98
89) Benzo(k)fluoranthene	24.06	252	704050	40.571	ng		98
90) Benzo(a)pyrene	24.89	252	669386	40.462	ng		99
91) Dibenzo(a,h)anthracene	28.91	278	681544	40.920	ng		100
92) Benzo(g,h,i)perylene	30.06	276	661911	40.214	ng		98

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

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