Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041248.D
Acq On : 14 Jun 2019 11:09
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/17/2019 4:52:23 PM

Quant Time: Jun 14 13:37:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:13:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33690	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	147709	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	102116	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	244730	20.00	ng		0.00
76) Chrysene-d12	21.75	240	241041	20.00	ng		0.00
87) Perylene-d12	25.07	264	187082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	74388	39.82	ng		0.00
7) Phenol-d6	7.24	99	111373	38.60	ng		0.00
23) Nitrobenzene-d5	9.27	82	136611	41.06	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	55297	36.48	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	322306	45.45	ng		0.00
79) Terphenyl-d14	20.06	244	532161	46.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	16701	19.699	ng		94
3) Pyridine	3.90	79	42251	16.842	ng	#	86
4) n-Nitrosodimethylamine	3.82	42	22566	19.382	ng	#	93
6) Aniline	7.42	93	73648	19.122	ng		98
8) 2-Chlorophenol	7.65	128	46889	21.051	ng		90
9) Benzaldehyde	7.24	77	39965	23.219	ng		96
10) Phenol	7.27	94	60208	19.461	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	42389	18.887	ng		98
12) 1,3-Dichlorobenzene	7.98	146	54735	20.575	ng		91
13) 1,4-Dichlorobenzene	8.13	146	55744	20.701	ng		97
14) 1,2-Dichlorobenzene	8.45	146	52019	19.896	ng		92
15) Benzyl Alcohol	8.33	79	49142	18.411	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	70537	19.233	ng		96
17) 2-Methylphenol	8.53	107	44193	19.729	ng		94
18) Hexachloroethane	9.18	117	21831	21.034	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	42307	19.053	ng		92
20) 3+4-Methylphenols	8.86	107	60871	19.618	ng		96
22) Acetophenone	8.92	105	82433	19.895	ng	#	98
24) Nitrobenzene	9.32	77	68086	20.080	ng		96
25) Isophorone	9.83	82	119004	18.794	ng		100
26) 2-Nitrophenol	10.03	139	29520	21.118	ng		93
27) 2,4-Dimethylphenol	10.07	122	44113	19.108	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	64413	18.848	ng		93
29) 2,4-Dichlorophenol	10.56	162	57069	19.466	ng		95
30) 1,2,4-Trichlorobenzene	10.77	180	68205	20.451	ng		99
31) Naphthalene	10.96	128	159452	20.106	ng		99
32) Benzoic acid	10.19	122	6898	4.186	ng		95
33) 4-Chloroaniline	11.08	127	69782	18.964	ng		97
34) Hexachlorobutadiene	11.23	225	52874	20.720	ng		91
35) Caprolactam	11.85	113	14948	15.440	ng	#	89
36) 4-Chloro-3-methylphenol	12.18	107	59501	17.771	ng		99
37) 2-Methylnaphthalene	12.56	142	119448	19.556	ng		96
38) 1-Methylnaphthalene	12.78	142	113050	19.641	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	91149	22.146	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	29987	16.261	ng		96
43) 2,4,6-Trichlorophenol	13.16	196	53075	19.934	ng		93
44) 2,4,5-Trichlorophenol	13.24	196	52935	18.851	ng		95
46) 1,1'-Biphenyl	13.56	154	160353	21.214	ng		97
47) 2-Chloronaphthalene	13.61	162	139409	21.483	ng		98
48) 2-Nitroaniline	13.82	65	46729	20.073	ng		96
49) Acenaphthylene	14.45	152	202438	20.728	ng		98
50) Dimethylphthalate	14.17	163	177284	20.509	ng		99
51) 2,6-Dinitrotoluene	14.30	165	36662	19.671	ng		96
52) Acenaphthene	14.79	154	118855	20.089	ng		98
53) 3-Nitroaniline	14.64	138	35738	19.176	ng	#	94
54) 2,4-Dinitrophenol	14.86	184	2086m	2.887	ng		
55) Dibenzofuran	15.12	168	209886	21.083	ng		97
56) 4-Nitrophenol	14.94	139	13978	10.935	ng	#	81
57) 2,4-Dinitrotoluene	15.09	165	49753	18.898	ng		97
58) Fluorene	15.77	166	158572	20.001	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	48254	17.486	ng		99
60) Diethylphthalate	15.52	149	171836	19.479	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	101592	19.714	ng		98
62) 4-Nitroaniline	15.80	138	31896	16.166	ng		95
63) Azobenzene	16.05	77	156789	19.555	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	8626	7.346	ng		87
66) n-Nitrosodiphenylamine	15.97	169	137172	19.939	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	64914	19.655	ng		99
68) Hexachlorobenzene	16.76	284	70600	20.075	ng		95
69) Atrazine	16.91	200	57409	21.627	ng		92
70) Pentachlorophenol	17.12	266	15170	8.901	ng	#	86
71) Phenanthrene	17.51	178	265867	20.856	ng		100
72) Anthracene	17.60	178	260715	20.737	ng		99
73) Carbazole	17.88	167	220226	20.414	ng		98
74) Di-n-butylphthalate	18.41	149	274832	20.498	ng		99
75) Fluoranthene	19.52	202	339045	21.533	ng		100
77) Benzidine	19.70	184	74411	12.941	ng		99
78) Pyrene	19.88	202	347040	22.148	ng		99
80) Butylbenzylphthalate	20.74	149	125333	20.554	ng		96
81) Benzo(a)anthracene	21.73	228	321793	20.055	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	91396	16.195	ng	#	98
83) Chrysene	21.79	228	322537	21.006	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	177525	20.681	ng		98
85) Di-n-octyl phthalate	22.83	149	285362	19.961	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	149307	7.938	ng	#	95
88) Benzo(b)fluoranthene	24.00	252	243362	21.447	ng		99
89) Benzo(k)fluoranthene	24.06	252	309211	27.537	ng		96
90) Benzo(a)pyrene	24.90	252	222153	20.520	ng	#	93
91) Dibenzo(a,h)anthracene	28.93	278	125573	11.608	ng		98
92) Benzo(g,h,i)perylene	30.06	276	102165	9.721	ng	#	97

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

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