Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043380.D
Acq On : 29 Oct 2019 18:58
Operator : JU
Sample : K5564-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1MSD

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:32 PM

Quant Time: Oct 30 08:24:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42687	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	169650	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	120330	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	268439	20.00	ng		0.00
76) Chrysene-d12	21.66	240	306549	20.00	ng		0.00
87) Perylene-d12	24.86	264	367960	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	288739	123.95	ng		0.01
7) Phenol-d6	7.21	99	409052	122.05	ng		0.01
23) Nitrobenzene-d5	9.19	82	251409	76.40	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	246446	107.62	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	653081	75.00	ng		0.00
79) Terphenyl-d14	20.01	244	1229941	75.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	32028	35.281	ng	#	91
3) Pyridine	3.89	79	78431	34.250	ng		99
4) n-Nitrosodimethylamine	3.81	42	47019	40.691	ng		98
6) Aniline	7.36	93	57622	14.924	ng		93
8) 2-Chlorophenol	7.60	128	114081	44.363	ng		96
9) Benzaldehyde	7.16	77	61426	37.293	ng		88
10) Phenol	7.24	94	143635	46.898	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	90237	38.109	ng		98
12) 1,3-Dichlorobenzene	7.91	146	125371	38.912	ng		97
13) 1,4-Dichlorobenzene	8.06	146	128373	39.381	ng		95
14) 1,2-Dichlorobenzene	8.38	146	124593	39.146	ng		99
15) Benzyl Alcohol	8.27	79	94286	40.056	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	127587	37.056	ng		94
17) 2-Methylphenol	8.48	107	94968	42.535	ng		99
18) Hexachloroethane	9.11	117	45038	38.295	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	82538	38.111	ng	#	92
20) 3+4-Methylphenols	8.81	107	122418	39.985	ng		89
22) Acetophenone	8.85	105	163607	37.658	ng	#	99
24) Nitrobenzene	9.23	77	126055	40.212	ng		97
25) Isophorone	9.75	82	232676	38.674	ng		98
26) 2-Nitrophenol	9.94	139	64633	42.707	ng		97
27) 2,4-Dimethylphenol	10.01	122	103121	47.540	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	125303	37.736	ng		94
29) 2,4-Dichlorophenol	10.49	162	121136	43.586	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	138713	39.600	ng		96
31) Naphthalene	10.88	128	356898	41.445	ng		97
32) Benzoic acid	10.18	122	57336	37.141	ng		93
33) 4-Chloroaniline	11.01	127	22340	6.329	ng	#	92
34) Hexachlorobutadiene	11.16	225	97964	37.833	ng		92
35) Caprolactam	11.76	113	37088m	38.747	ng		
36) 4-Chloro-3-methylphenol	12.13	107	124373	41.026	ng		98
37) 2-Methylnaphthalene	12.48	142	270858	40.994	ng		95
38) 1-Methylnaphthalene	12.70	142	250821	39.897	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	170987	38.396	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	189876	81.168	ng		94
43) 2,4,6-Trichlorophenol	13.10	196	110340	42.074	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	119269	44.984	ng		96
46) 1,1'-Biphenyl	13.48	154	359423	39.264	ng		100
47) 2-Chloronaphthalene	13.53	162	274965	39.478	ng		99
48) 2-Nitroaniline	13.74	65	81803	39.296	ng		96
49) Acenaphthylene	14.37	152	445138	41.064	ng		98
50) Dimethylphthalate	14.11	163	459064	49.254	ng		98
51) 2,6-Dinitrotoluene	14.22	165	81353	40.178	ng		97
52) Acenaphthene	14.72	154	266216	40.271	ng		99
53) 3-Nitroaniline	14.56	138	25200	12.890	ng		98
54) 2,4-Dinitrophenol	14.76	184	55031	46.844	ng		91
55) Dibenzofuran	15.05	168	440078	41.051	ng		98
56) 4-Nitrophenol	14.90	139	124326	94.901	ng		98
57) 2,4-Dinitrotoluene	15.01	165	114505	39.570	ng	#	98
58) Fluorene	15.70	166	365963	40.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	118836	42.186	ng	#	97
60) Diethylphthalate	15.46	149	356436	38.060	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	208248	39.702	ng		97
62) 4-Nitroaniline	15.73	138	61380	30.402	ng		90
63) Azobenzene	15.98	77	306742	40.471	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	50864	32.197	ng		92
66) n-Nitrosodiphenylamine	15.90	169	325159	42.904	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	147423	40.808	ng		97
68) Hexachlorobenzene	16.70	284	165798	39.982	ng		97
69) Atrazine	16.85	200	140434	53.327	ng		95
70) Pentachlorophenol	17.06	266	181004	95.793	ng		94
71) Phenanthrene	17.44	178	595538	43.324	ng		99
72) Anthracene	17.53	178	602093	43.778	ng		100
73) Carbazole	17.80	167	532503	42.756	ng		99
74) Di-n-butylphthalate	18.35	149	640084	42.356	ng		99
75) Fluoranthene	19.45	202	800869	44.690	ng		99
77) Benzidine	19.63	184	241437	39.135	ng		98
78) Pyrene	19.81	202	806325	42.494	ng		100
80) Butylbenzylphthalate	20.69	149	348641	48.497	ng		96
81) Benzo(a)anthracene	21.64	228	829551	43.201	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	165381	22.268	ng		96
83) Chrysene	21.71	228	808420	42.373	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	435619	42.658	ng		100
85) Di-n-octyl phthalate	22.74	149	745237	43.015	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1051752	43.917	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	879413	42.198	ng		98
89) Benzo(k)fluoranthene	23.91	252	882926	42.084	ng		98
90) Benzo(a)pyrene	24.71	252	823092	41.360	ng		99
91) Dibenzo(a,h)anthracene	28.57	278	883660	43.411	ng		100
92) Benzo(g,h,i)perylene	29.65	276	905498	45.097	ng		98

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

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