Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048869.D
Acq On : 23 Apr 2021 18:52
Operator : CG/JU
Sample : M2089-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-BMS

Manual Integrations APPROVED
mohammad
4/26/2021 11:35:41 AM

Quant Time: Apr 23 23:33:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	26551	20.00	ng		0.00
21) Naphthalene-d8	10.882	136	113541	20.00	ng		-0.01
39) Acenaphthene-d10	14.719	164	71918	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	160252	20.00	ng		# 0.00
76) Chrysene-d12	21.775	240	139804	20.00	ng		0.00
86) Perylene-d12	25.107	264	142464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.612	112	168748	106.30	ng		0.00
7) Phenol-d6	7.227	99	215367	95.91	ng		0.00
23) Nitrobenzene-d5	9.231	82	159806	63.01	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	84414	87.54	ng		0.00
45) 2-Fluorobiphenyl	13.332	172	327047	65.67	ng		-0.01
79) Terphenyl-d14	20.083	244	448915	55.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.450	88	18266	29.37	ng		93
3) Pyridine	3.861	79	55877	34.46	ng		96
4) n-Nitrosodimethylamine	3.779	42	46161	37.29	ng	#	90
6) Aniline	7.374	93	36669	14.55	ng		96
8) 2-Chlorophenol	7.621	128	74550	44.27	ng		96
9) Benzaldehyde	7.186	77	54577	36.68	ng		90
10) Phenol	7.257	94	103511	46.88	ng		93
11) bis(2-Chloroethyl)ether	7.468	93	63821	42.89	ng		94
12) 1,3-Dichlorobenzene	7.944	146	83297	43.02	ng		98
13) 1,4-Dichlorobenzene	8.091	146	84994	43.07	ng		96
14) 1,2-Dichlorobenzene	8.414	146	79390	43.60	ng		99
15) Benzyl Alcohol	8.297	79	82773	41.83	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.591	45	71854	44.54	ng		94
17) 2-Methylphenol	8.514	107	64814	45.98	ng		96
18) Hexachloroethane	9.149	117	33572	43.31	ng		95
19) n-Nitroso-di-n-propyla...	8.867	70	62948	41.55	ng		91
20) 3+4-Methylphenols	8.843	107	90212	46.38	ng		96
22) Acetophenone	8.884	105	116725	39.50	ng	#	96
24) Nitrobenzene	9.272	77	99593	39.37	ng		98
25) Isophorone	9.795	82	169839	37.87	ng		95
26) 2-Nitrophenol	9.989	139	43761	39.97	ng		94
27) 2,4-Dimethylphenol	10.054	122	77686	46.15	ng		85
28) bis(2-Chloroethoxy)met...	10.277	93	89374	45.74	ng	#	91
29) 2,4-Dichlorophenol	10.535	162	77902	41.04	ng		91
30) 1,2,4-Trichlorobenzene	10.741	180	90610	41.16	ng		93
31) Naphthalene	10.935	128	238678	40.97	ng		99
32) Benzoic acid	10.247	122	20133	20.42	ng		90
33) 4-Chloroaniline	11.047	127	20809	8.58	ng		99
34) Hexachlorobutadiene	11.211	225	63499	38.86	ng		95
35) Caprolactam	11.828	113	25119m	38.94	ng		
36) 4-Chloro-3-methylphenol	12.181	107	86331	40.16	ng		95
37) 2-Methylnaphthalene	12.545	142	182056	39.10	ng		100
38) 1-Methylnaphthalene	12.762	142	166395	38.41	ng		96
40) 1,2,4,5-Tetrachloroben...	12.909	216	104909	44.82	ng		98
41) Hexachlorocyclopentadiene	12.886	237	35303	31.49	ng		85
43) 2,4,6-Trichlorophenol	13.156	196	65756	42.09	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	69186	41.70	ng	#	92
46) 1,1'-Biphenyl	13.549	154	236666	44.55	ng		98
47) 2-Chloronaphthalene	13.596	162	177377	43.71	ng		96
48) 2-Nitroaniline	13.802	65	63393	43.47	ng		96
49) Acenaphthylene	14.443	152	282289	44.59	ng		96
50) Dimethylphthalate	14.166	163	234229	43.42	ng		99
51) 2,6-Dinitrotoluene	14.290	165	52065	41.83	ng		92
52) Acenaphthene	14.783	154	180963	45.01	ng		99
53) 3-Nitroaniline	14.625	138	25734	21.54	ng		98
54) 2,4-Dinitrophenol	14.842	184	30304	43.17	ng		90
55) Dibenzofuran	15.118	168	276134	41.49	ng		98
56) 4-Nitrophenol	14.954	139	68457	77.34	ng		97
57) 2,4-Dinitrotoluene	15.083	165	70102	38.79	ng		95
58) Fluorene	15.770	166	236532	43.28	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.347	232	55288	36.02	ng		99
60) Diethylphthalate	15.530	149	228056	40.86	ng		98
61) 4-Chlorophenyl-phenyle...	15.753	204	123626	41.13	ng		94
62) 4-Nitroaniline	15.794	138	41781	32.71	ng		91
63) Azobenzene	16.052	77	222951	39.67	ng		94
65) 4,6-Dinitro-2-methylph...	15.853	198	31118	29.00	ng		97
66) n-Nitrosodiphenylamine	15.976	169	202133	44.63	ng		94
67) 4-Bromophenyl-phenylether	16.652	248	78146	42.37	ng		97
68) Hexachlorobenzene	16.775	284	82240	44.02	ng		97
69) Atrazine	16.922	200	81924	43.50	ng		95
70) Pentachlorophenol	17.128	266	67256	67.56	ng		98
71) Phenanthrene	17.521	178	412535	49.60	ng		96
72) Anthracene	17.609	178	362978	44.10	ng		98
73) Carbazole	17.880	167	304170	38.58	ng		99
74) Di-n-butylphthalate	18.426	149	356036	40.29	ng		99
75) Fluoranthene	19.531	202	479045	45.54	ng		99
77) Benzidine	19.707	184	117533	30.96	ng		98
78) Pyrene	19.895	202	473350	48.94	ng		98
80) Butylbenzylphthalate	20.770	149	145185	38.39	ng		96
81) Benzo(a)anthracene	21.758	228	419809	43.94	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	62338	19.03	ng		98
83) Chrysene	21.822	228	390164	42.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	211360	39.92	ng		98
85) Di-n-octyl phthalate	22.886	149	353084	39.17	ng		99
87) Indeno(1,2,3-cd)pyrene	28.943	276	444618	42.49	ng		99
88) Benzo(b)fluoranthene	24.049	252	405553	41.96	ng	#	96
89) Benzo(k)fluoranthene	24.119	252	369216	40.62	ng		99
90) Benzo(a)pyrene	24.948	252	370240	41.58	ng		96
91) Dibenzo(a,h)anthracene	29.002	278	350127	39.01	ng	#	97
92) Benzo(g,h,i)perylene	30.154	276	349083	39.40	ng		96

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

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