Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048832.D
Acq On : 21 Apr 2021 23:28
Operator : CG/JU
Sample : M2024-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-AMS

Manual Integrations APPROVED
mohammad
4/22/2021 12:09:51 PM

Quant Time: Apr 22 01:02:43 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	8.064	152	21802	20.00	ng		0.00
21) Naphthalene-d8	10.890	136	89135	20.00	ng		# 0.00
39) Acenaphthene-d10	14.721	164	59679	20.00	ng		0.00
64) Phenanthrene-d10	17.482	188	133838	20.00	ng		# 0.00
76) Chrysene-d12	21.783	240	120724	20.00	ng		0.00
86) Perylene-d12	25.108	264	125627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.614	112	161123	123.60	ng		0.00
7) Phenol-d6	7.229	99	214873	116.54	ng		0.00
23) Nitrobenzene-d5	9.239	82	156388	78.55	ng		0.00
42) 2,4,6-Tribromophenol	16.219	330	82771	103.44	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	317234	76.77	ng		0.00
79) Terphenyl-d14	20.091	244	472561	67.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	17282	33.84	ng		94
3) Pyridine	3.863	79	52201	39.21	ng		92
4) n-Nitrosodimethylamine	3.775	42	42812	42.12	ng		90
6) Aniline	7.382	93	44819	21.66	ng		100
8) 2-Chlorophenol	7.629	128	72945	52.75	ng		96
9) Benzaldehyde	7.188	77	49114	40.20	ng		85
10) Phenol	7.253	94	98027	54.07	ng		96
11) bis(2-Chloroethyl)ether	7.476	93	61051	49.96	ng		95
12) 1,3-Dichlorobenzene	7.946	146	80215	50.45	ng		98
13) 1,4-Dichlorobenzene	8.099	146	79146	48.85	ng		97
14) 1,2-Dichlorobenzene	8.416	146	74030	49.52	ng		92
15) Benzyl Alcohol	8.305	79	77365	47.62	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.587	45	65117	49.16	ng		97
17) 2-Methylphenol	8.516	107	61945	53.52	ng		95
18) Hexachloroethane	9.151	117	30255	47.54	ng		97
19) n-Nitroso-di-n-propyla...	8.874	70	58598	47.11	ng		95
20) 3+4-Methylphenols	8.845	107	81759	51.19	ng		97
22) Acetophenone	8.892	105	108833	46.91	ng	#	96
24) Nitrobenzene	9.280	77	91511	46.08	ng		93
25) Isophorone	9.803	82	159146	45.20	ng	#	94
26) 2-Nitrophenol	9.991	139	41197	47.93	ng		95
27) 2,4-Dimethylphenol	10.055	122	74000	56.00	ng		94
28) bis(2-Chloroethoxy)met...	10.285	93	81756	53.30	ng	#	92
29) 2,4-Dichlorophenol	10.543	162	72590	48.71	ng		94
30) 1,2,4-Trichlorobenzene	10.749	180	81384	47.10	ng		99
31) Naphthalene	10.943	128	225052	49.21	ng		98
32) Benzoic acid	10.232	122	23749m	30.68	ng		
33) 4-Chloroaniline	11.048	127	21995	11.56	ng		94
34) Hexachlorobutadiene	11.219	225	58394	45.52	ng		94
35) Caprolactam	11.830	113	24464m	48.31	ng		
36) 4-Chloro-3-methylphenol	12.182	107	81141	48.08	ng		98
37) 2-Methylnaphthalene	12.547	142	169754	46.45	ng		93
38) 1-Methylnaphthalene	12.770	142	156136	45.91	ng		99
40) 1,2,4,5-Tetrachloroben...	12.917	216	97635	50.26	ng		96
41) Hexachlorocyclopentadiene	12.893	237	50101	49.69	ng		99
43) 2,4,6-Trichlorophenol	13.158	196	63758	49.18	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	65346	47.47	ng		94
46) 1,1'-Biphenyl	13.551	154	221046	50.14	ng		96
47) 2-Chloronaphthalene	13.598	162	164617	48.89	ng		98
48) 2-Nitroaniline	13.804	65	58685	48.50	ng		97
49) Acenaphthylene	14.450	152	268519	51.11	ng		99
50) Dimethylphthalate	14.174	163	217464	48.58	ng		99
51) 2,6-Dinitrotoluene	14.297	165	46505	45.03	ng		91
52) Acenaphthene	14.791	154	173544	52.02	ng		99
53) 3-Nitroaniline	14.632	138	25083	25.30	ng	#	88
54) 2,4-Dinitrophenol	14.844	184	40547	66.37	ng		98
55) Dibenzofuran	15.126	168	263983	47.80	ng		97
56) 4-Nitrophenol	14.956	139	70711	96.26	ng		97
57) 2,4-Dinitrotoluene	15.085	165	69681	46.46	ng	#	97
58) Fluorene	15.772	166	222540	49.07	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.355	232	56629	44.46	ng		98
60) Diethylphthalate	15.537	149	220822	47.68	ng		98
61) 4-Chlorophenyl-phenyle...	15.761	204	119104	47.75	ng		95
62) 4-Nitroaniline	15.802	138	44377	41.86	ng		93
63) Azobenzene	16.054	77	211539	45.36	ng		90
65) 4,6-Dinitro-2-methylph...	15.855	198	34806	38.85	ng		90
66) n-Nitrosodiphenylamine	15.978	169	188680	49.88	ng		100
67) 4-Bromophenyl-phenylether	16.659	248	72621	47.14	ng		94
68) Hexachlorobenzene	16.783	284	77092	49.41	ng		93
69) Atrazine	16.930	200	81123	51.57	ng		98
70) Pentachlorophenol	17.135	266	69106	83.12	ng		91
71) Phenanthrene	17.523	178	420836	60.58	ng		96
72) Anthracene	17.617	178	361937	52.66	ng		99
73) Carbazole	17.887	167	307043	46.64	ng		99
74) Di-n-butylphthalate	18.434	149	359159	48.66	ng		98
75) Fluoranthene	19.538	202	471972	53.73	ng		99
77) Benzidine	19.715	184	112255	34.24	ng		96
78) Pyrene	19.903	202	464699	55.64	ng		98
80) Butylbenzylphthalate	20.778	149	162600	49.79	ng		97
81) Benzo(a)anthracene	21.759	228	430221	52.15	ng		96
82) 3,3'-Dichlorobenzidine	21.671	252	75343	26.63	ng		98
83) Chrysene	21.830	228	393035	50.01	ng		98
84) Bis(2-ethylhexyl)phtha...	21.648	149	211763	46.31	ng		99
85) Di-n-octyl phthalate	22.899	149	365512	46.96	ng		100
87) Indeno(1,2,3-cd)pyrene	28.951	276	461745	50.04	ng		100
88) Benzo(b)fluoranthene	24.057	252	433216m	50.83	ng		
89) Benzo(k)fluoranthene	24.127	252	369565	46.11	ng		98
90) Benzo(a)pyrene	24.956	252	378150	48.16	ng		98
91) Dibenzo(a,h)anthracene	29.016	278	373176	47.16	ng	#	95
92) Benzo(g,h,i)perylene	30.155	276	382550	48.97	ng		96

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

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