Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
Data File : BG048570.D
Acq On : 2 Apr 2021 15:55
Operator : CG/JU
Sample : PB135455BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 16:34:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135455BSD

Manual Integrations APPROVED
mohammad
4/5/2021 11:54:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152	26630	20.00	ng		# 0.00
21) Naphthalene-d8	10.924	136	118041	20.00	ng		0.00
39) Acenaphthene-d10	14.749	164	84281	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	206439	20.00	ng		0.00
76) Chrysene-d12	21.799	240	196759	20.00	ng		# 0.00
86) Perylene-d12	25.148	264	206295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	180048	119.37	ng		0.00
7) Phenol-d6	7.251	99	235192	107.51	ng		0.00
23) Nitrobenzene-d5	9.267	82	138446	56.78	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	110703	99.92	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	328782	57.98	ng		0.00
79) Terphenyl-d14	20.113	244	649079	60.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	20642	34.01	ng	#	91
3) Pyridine	3.902	79	56400	37.07	ng		99
4) n-Nitrosodimethylamine	3.814	42	38519	38.75	ng	#	82
6) Aniline	7.410	93	43154	17.18	ng		96
8) 2-Chlorophenol	7.657	128	69161	40.57	ng		95
9) Benzaldehyde	7.222	77	50359	36.01	ng		97
10) Phenol	7.275	94	86356	39.43	ng		94
11) bis(2-Chloroethyl)ether	7.504	93	58025	38.18	ng		94
12) 1,3-Dichlorobenzene	7.986	146	77548	40.38	ng		99
13) 1,4-Dichlorobenzene	8.133	146	78949m	40.78	ng		
14) 1,2-Dichlorobenzene	8.450	146	73779	39.79	ng		92
15) Benzyl Alcohol	8.333	79	69642	38.86	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.632	45	55970	38.18	ng		87
17) 2-Methylphenol	8.538	107	58617	41.36	ng		85
18) Hexachloroethane	9.190	117	27502	38.23	ng	#	64
19) n-Nitroso-di-n-propyla...	8.902	70	52598	34.88	ng		97
20) 3+4-Methylphenols	8.861	107	80805	41.08	ng		95
22) Acetophenone	8.920	105	104654	34.39	ng	#	92
24) Nitrobenzene	9.308	77	84535	35.33	ng		95
25) Isophorone	9.831	82	150350	33.39	ng		99
26) 2-Nitrophenol	10.025	139	38082	34.64	ng		96
27) 2,4-Dimethylphenol	10.078	122	68990	39.88	ng		91
28) bis(2-Chloroethoxy)met...	10.318	93	79801	38.67	ng		97
29) 2,4-Dichlorophenol	10.565	162	71703	36.61	ng		97
30) 1,2,4-Trichlorobenzene	10.783	180	79708	35.41	ng		93
31) Naphthalene	10.977	128	211755	34.89	ng		98
32) Benzoic acid	10.213	122	49300	37.05	ng		94
33) 4-Chloroaniline	11.082	127	18245	7.12	ng	#	92
34) Hexachlorobutadiene	11.259	225	55228	33.60	ng	#	85
35) Caprolactam	11.846	113	23607m	33.03	ng		
36) 4-Chloro-3-methylphenol	12.199	107	79724	36.24	ng		96
37) 2-Methylnaphthalene	12.581	142	165191	34.19	ng		97
38) 1-Methylnaphthalene	12.798	142	150908	32.75	ng		96
40) 1,2,4,5-Tetrachloroben...	12.945	216	92727	35.49	ng		95
41) Hexachlorocyclopentadiene	12.921	237	142368	94.06	ng		95
43) 2,4,6-Trichlorophenol	13.180	196	65669	36.57	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	67773	35.28	ng		97
46) 1,1'-Biphenyl	13.579	154	215928	35.06	ng		92
47) 2-Chloronaphthalene	13.626	162	164920	35.15	ng		99
48) 2-Nitroaniline	13.826	65	53336	35.76	ng		88
49) Acenaphthylene	14.472	152	272981	37.11	ng		98
50) Dimethylphthalate	14.196	163	221614	35.43	ng	#	98
51) 2,6-Dinitrotoluene	14.314	165	50008	34.94	ng		97
52) Acenaphthene	14.813	154	216742m	40.74	ng		
53) 3-Nitroaniline	14.643	138	14865	10.59	ng		83
54) 2,4-Dinitrophenol	14.854	184	67642	84.05	ng		96
55) Dibenzofuran	15.148	168	258767	33.30	ng		96
56) 4-Nitrophenol	14.954	139	90773	80.13	ng		84
57) 2,4-Dinitrotoluene	15.101	165	71341	35.24	ng		90
58) Fluorene	15.800	166	220014	33.83	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	69670	37.17	ng		99
60) Diethylphthalate	15.559	149	231641	36.04	ng		93
61) 4-Chlorophenyl-phenyle...	15.789	204	122497	35.01	ng		97
62) 4-Nitroaniline	15.812	138	49439	33.68	ng		99
63) Azobenzene	16.082	77	208820	33.02	ng		96
65) 4,6-Dinitro-2-methylph...	15.865	198	43608	35.16	ng		94
66) n-Nitrosodiphenylamine	16.000	169	197737	33.67	ng		99
67) 4-Bromophenyl-phenylether	16.682	248	79261	34.64	ng		98
68) Hexachlorobenzene	16.799	284	80415	33.65	ng		95
69) Atrazine	16.946	200	88716	37.04	ng		98
70) Pentachlorophenol	17.146	266	112564	75.79	ng		91
71) Phenanthrene	17.545	178	364744	34.04	ng		99
72) Anthracene	17.639	178	379939	35.58	ng		98
73) Carbazole	17.904	167	353218	34.88	ng		96
74) Di-n-butylphthalate	18.456	149	423613	37.44	ng		97
75) Fluoranthene	19.555	202	468837	35.29	ng		97
77) Benzidine	19.731	184	121311	18.21	ng		97
78) Pyrene	19.919	202	470040	34.74	ng		100
80) Butylbenzylphthalate	20.800	149	183763	36.57	ng		95
81) Benzo(a)anthracene	21.782	228	455247	34.63	ng		99
82) 3,3'-Dichlorobenzidine	21.688	252	65207	14.44	ng	#	91
83) Chrysene	21.852	228	428587	34.16	ng		95
84) Bis(2-ethylhexyl)phtha...	21.676	149	257047	36.73	ng		96
85) Di-n-octyl phthalate	22.933	149	440180	36.08	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.991	276	506186	35.00	ng	#	95
88) Benzo(b)fluoranthene	24.085	252	448116	33.45	ng	#	97
89) Benzo(k)fluoranthene	24.149	252	429708	33.36	ng		99
90) Benzo(a)pyrene	24.990	252	399899	32.38	ng		98
91) Dibenzo(a,h)anthracene	29.055	278	426324	34.54	ng		95
92) Benzo(g,h,i)perylene	30.195	276	416959	34.49	ng		96

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

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