Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
Data File : BG048567.D
Acq On : 2 Apr 2021 13:53
Operator : CG/JU
Sample : PB135478BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135478BS

Manual Integrations APPROVED
mohammad
4/5/2021 11:54:39 AM

Quant Time: Apr 02 14:39:26 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	22636	20.00	ng		# 0.00
21) Naphthalene-d8	10.923	136	99168	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	69482	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	169814	20.00	ng		# 0.00
76) Chrysene-d12	21.804	240	151881	20.00	ng		# 0.00
86) Perylene-d12	25.141	264	157869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	185946	145.03	ng		0.00
7) Phenol-d6	7.251	99	237481	127.71	ng		0.00
23) Nitrobenzene-d5	9.266	82	168063	82.05	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	118742	130.01	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	391713	83.79	ng		0.00
79) Terphenyl-d14	20.112	244	740663	89.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	16471	31.93	ng	#	89
3) Pyridine	3.907	79	48529	37.52	ng		93
4) n-Nitrosodimethylamine	3.819	42	36890	43.66	ng	#	95
6) Aniline	7.409	93	79292	37.13	ng		94
8) 2-Chlorophenol	7.662	128	74000	51.07	ng		90
9) Benzaldehyde	7.227	77	51365	43.22	ng		95
10) Phenol	7.274	94	91045	48.91	ng		99
11) bis(2-Chloroethyl)ether	7.503	93	57779	44.73	ng		96
12) 1,3-Dichlorobenzene	7.985	146	74508	45.65	ng		98
13) 1,4-Dichlorobenzene	8.132	146	78170	47.50	ng		95
14) 1,2-Dichlorobenzene	8.455	146	77140	48.94	ng		95
15) Benzyl Alcohol	8.332	79	72356	47.50	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.625	45	58817	47.20	ng		97
17) 2-Methylphenol	8.537	107	60246	50.02	ng		94
18) Hexachloroethane	9.189	117	28982	47.39	ng		85
19) n-Nitroso-di-n-propyla...	8.902	70	57673	45.00	ng	#	97
20) 3+4-Methylphenols	8.866	107	82179	49.15	ng		91
22) Acetophenone	8.925	105	111342	43.55	ng		95
24) Nitrobenzene	9.307	77	86199	42.88	ng		99
25) Isophorone	9.830	82	154514	40.85	ng		98
26) 2-Nitrophenol	10.030	139	40130	43.45	ng		97
27) 2,4-Dimethylphenol	10.082	122	74801	51.47	ng		97
28) bis(2-Chloroethoxy)met...	10.318	93	80473	46.41	ng		99
29) 2,4-Dichlorophenol	10.564	162	74638	45.36	ng		93
30) 1,2,4-Trichlorobenzene	10.782	180	82597	43.68	ng		97
31) Naphthalene	10.976	128	216890	42.54	ng		98
32) Benzoic acid	10.212	122	51551	46.11	ng		95
33) 4-Chloroaniline	11.075	127	43939	20.42	ng	#	95
34) Hexachlorobutadiene	11.258	225	57943	41.96	ng		98
35) Caprolactam	11.851	113	27542m	45.87	ng		
36) 4-Chloro-3-methylphenol	12.198	107	84795	45.89	ng		87
37) 2-Methylnaphthalene	12.580	142	168854	41.60	ng		96
38) 1-Methylnaphthalene	12.797	142	157145	40.59	ng		98
40) 1,2,4,5-Tetrachloroben...	12.944	216	96429	44.77	ng		98
41) Hexachlorocyclopentadiene	12.920	237	146926	117.75	ng		94
43) 2,4,6-Trichlorophenol	13.179	196	67098	45.32	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.255	196	75030	47.37	ng		92
46)	1,1'-Biphenyl	13.584	154	227375	44.79	ng		98
47)	2-Chloronaphthalene	13.625	162	173057	44.74	ng		97
48)	2-Nitroaniline	13.825	65	60706	49.37	ng		96
49)	Acenaphthylene	14.471	152	289333	47.72	ng		98
50)	Dimethylphthalate	14.195	163	240709	46.67	ng		98
51)	2,6-Dinitrotoluene	14.319	165	53494	45.34	ng		94
52)	Acenaphthene	14.812	154	228362m	52.07	ng		
53)	3-Nitroaniline	14.648	138	33671	29.10	ng		85
54)	2,4-Dinitrophenol	14.853	184	70158	105.75	ng		94
55)	Dibenzofuran	15.147	168	279393	43.62	ng		95
56)	4-Nitrophenol	14.959	139	94080	100.74	ng	#	83
57)	2,4-Dinitrotoluene	15.106	165	78138	46.82	ng		93
58)	Fluorene	15.799	166	232711	43.40	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.370	232	73157	47.34	ng		99
60)	Diethylphthalate	15.558	149	249823	47.15	ng		98
61)	4-Chlorophenyl-phenyle...	15.788	204	129698	44.96	ng		97
62)	4-Nitroaniline	15.811	138	53948	44.58	ng		96
63)	Azobenzene	16.081	77	223192	42.81	ng		97
65)	4,6-Dinitro-2-methylph...	15.870	198	47817	46.86	ng		91
66)	n-Nitrosodiphenylamine	15.999	169	215280	44.56	ng		98
67)	4-Bromophenyl-phenylether	16.686	248	88176	46.84	ng		95
68)	Hexachlorobenzene	16.804	284	87713	44.63	ng		96
69)	Atrazine	16.945	200	98909	50.20	ng		89
70)	Pentachlorophenol	17.151	266	120941	99.00	ng		91
71)	Phenanthrene	17.544	178	401002	45.49	ng		96
72)	Anthracene	17.638	178	409159	46.58	ng		98
73)	Carbazole	17.903	167	375792	45.11	ng		99
74)	Di-n-butylphthalate	18.455	149	453002	48.67	ng		98
75)	Fluoranthene	19.554	202	492241	45.04	ng		97
77)	Benzidine	19.730	184	227844	44.30	ng		99
78)	Pyrene	19.918	202	496461	47.54	ng		99
80)	Butylbenzylphthalate	20.799	149	189196	48.78	ng		96
81)	Benzo(a)anthracene	21.781	228	462275	45.55	ng		99
82)	3,3'-Dichlorobenzidine	21.692	252	113630	32.60	ng		98
83)	Chrysene	21.851	228	431912	44.60	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.675	149	268064	49.62	ng		99
85)	Di-n-octyl phthalate	22.932	149	449697	47.75	ng	#	98
87)	Indeno(1,2,3-cd)pyrene	28.990	276	507395	45.85	ng	#	96
88)	Benzo(b)fluoranthene	24.078	252	448317	43.72	ng	#	99
89)	Benzo(k)fluoranthene	24.154	252	434381	44.07	ng		98
90)	Benzo(a)pyrene	24.989	252	405775	42.94	ng		99
91)	Dibenzo(a,h)anthracene	29.060	278	432895	45.83	ng		100
92)	Benzo(g,h,i)perylene	30.200	276	425310	45.97	ng	#	92

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

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