Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048945.D
Acq On : 14 Jun 2021 11:59
Operator : CG/JU
Sample : PB137058BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137058BS

Manual Integrations APPROVED
mohammad
6/15/2021 2:38:18 PM

Quant Time: Jun 14 12:53:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.119	152	39637	20.00	ng		0.00
21) Naphthalene-d8	10.945	136	166415	20.00	ng		# 0.00
39) Acenaphthene-d10	14.764	164	119261	20.00	ng		0.00
64) Phenanthrene-d10	17.514	188	282057	20.00	ng		# 0.00
76) Chrysene-d12	21.809	240	281355	20.00	ng		0.00
86) Perylene-d12	25.146	264	286521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.663	112	343732	135.00	ng		0.00
7) Phenol-d6	7.267	99	456360	119.58	ng		0.00
23) Nitrobenzene-d5	9.288	82	322785	83.64	ng		0.00
42) 2,4,6-Tribromophenol	16.251	330	214514	121.41	ng		0.00
45) 2-Fluorobiphenyl	13.389	172	660324	78.22	ng		0.00
79) Terphenyl-d14	20.123	244	1184885	77.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.542	88	43126	34.69	ng	#	83
3) Pyridine	3.942	79	111011	32.92	ng		91
4) n-Nitrosodimethylamine	3.859	42	80829	50.05	ng	#	78
6) Aniline	7.438	93	158674	33.02	ng	#	90
8) 2-Chlorophenol	7.678	128	123399	43.97	ng		82
9) Benzaldehyde	7.250	77	45109	22.84	ng		91
10) Phenol	7.291	94	174063	44.15	ng		90
11) bis(2-Chloroethyl)ether	7.532	93	119816	40.96	ng	#	79
12) 1,3-Dichlorobenzene	8.008	146	134385	42.86	ng		97
13) 1,4-Dichlorobenzene	8.154	146	133780	42.80	ng		97
14) 1,2-Dichlorobenzene	8.478	146	128857	42.85	ng		91
15) Benzyl Alcohol	8.354	79	145695	41.69	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.648	45	235313	42.51	ng		81
17) 2-Methylphenol	8.554	107	117311	45.37	ng		96
18) Hexachloroethane	9.212	117	54502	43.47	ng		89
19) n-Nitroso-di-n-propyla...	8.930	70	117042	39.24	ng		98
20) 3+4-Methylphenols	8.883	107	157068	44.43	ng		98
22) Acetophenone	8.948	105	214550	42.38	ng	#	97
24) Nitrobenzene	9.329	77	177520	40.83	ng		98
25) Isophorone	9.858	82	299455	35.62	ng		98
26) 2-Nitrophenol	10.046	139	66438	45.05	ng		92
27) 2,4-Dimethylphenol	10.099	122	126142	47.18	ng		94
28) bis(2-Chloroethoxy)met...	10.340	93	163775	42.07	ng	#	93
29) 2,4-Dichlorophenol	10.581	162	124679	41.57	ng		95
30) 1,2,4-Trichlorobenzene	10.804	180	139202	40.48	ng		96
31) Naphthalene	10.998	128	392156	39.56	ng		99
32) Benzoic acid	10.234	122	77927	44.62	ng	#	66
33) 4-Chloroaniline	11.098	127	44852	10.65	ng	#	95
34) Hexachlorobutadiene	11.286	225	98375	40.14	ng		96
35) Caprolactam	11.874	113	41009m	47.30	ng		
36) 4-Chloro-3-methylphenol	12.208	107	150117	40.94	ng		89
37) 2-Methylnaphthalene	12.596	142	286951	38.32	ng		92
38) 1-Methylnaphthalene	12.814	142	266455	37.90	ng		92
40) 1,2,4,5-Tetrachloroben...	12.961	216	155626	41.09	ng		96
41) Hexachlorocyclopentadiene	12.943	237	227053	93.27	ng		92
43) 2,4,6-Trichlorophenol	13.196	196	110573	43.64	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.266	196	123728	47.22	ng		92
46) 1,1'-Biphenyl	13.601	154	371740	42.28	ng		96
47) 2-Chloronaphthalene	13.642	162	280078	39.89	ng		98
48) 2-Nitroaniline	13.836	65	118811	46.55	ng		91
49) Acenaphthylene	14.488	152	469915	40.16	ng		97
50) Dimethylphthalate	14.218	163	381588	41.08	ng		99
51) 2,6-Dinitrotoluene	14.329	165	83790	44.29	ng		96
52) Acenaphthene	14.829	154	344476	45.68	ng		90
53) 3-Nitroaniline	14.659	138	53599	27.98	ng	#	77
54) 2,4-Dinitrophenol	14.864	184	97030	110.72	ng		94
55) Dibenzofuran	15.164	168	456192	38.92	ng		99
56) 4-Nitrophenol	14.958	139	144723	92.68	ng		86
57) 2,4-Dinitrotoluene	15.117	165	120159	51.71	ng		93
58) Fluorene	15.816	166	377858	39.42	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.387	232	113259	42.70	ng	#	100
60) Diethylphthalate	15.581	149	412525	41.00	ng		96
61) 4-Chlorophenyl-phenyle...	15.804	204	206174	41.13	ng		99
62) 4-Nitroaniline	15.828	138	89293	46.10	ng	#	80
63) Azobenzene	16.098	77	441486	38.35	ng		87
65) 4,6-Dinitro-2-methylph...	15.881	198	62663	46.85	ng		91
66) n-Nitrosodiphenylamine	16.016	169	334949	38.11	ng		96
67) 4-Bromophenyl-phenylether	16.703	248	138627	39.36	ng		94
68) Hexachlorobenzene	16.821	284	152257	39.89	ng		97
69) Atrazine	16.968	200	144826	51.33	ng		98
70) Pentachlorophenol	17.161	266	202935	88.46	ng		97
71) Phenanthrene	17.561	178	631704	39.80	ng		98
72) Anthracene	17.649	178	642536	40.29	ng		98
73) Carbazole	17.914	167	609312	39.86	ng		98
74) Di-n-butylphthalate	18.478	149	751822	43.85	ng		98
75) Fluoranthene	19.565	202	800359	41.82	ng		97
77) Benzidine	19.741	184	325516	57.43	ng		97
78) Pyrene	19.929	202	808660	39.60	ng		96
80) Butylbenzylphthalate	20.810	149	325645	42.26	ng		95
81) Benzo(a)anthracene	21.791	228	804029	39.80	ng		98
82) 3,3'-Dichlorobenzidine	21.697	252	202087	31.28	ng		97
83) Chrysene	21.862	228	764763	39.48	ng		95
84) Bis(2-ethylhexyl)phtha...	21.697	149	470051	42.80	ng	#	98
85) Di-n-octyl phthalate	22.961	149	812552	43.62	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.983	276	950918	44.10	ng	#	96
88) Benzo(b)fluoranthene	24.089	252	850104	41.62	ng	#	94
89) Benzo(k)fluoranthene	24.159	252	801068	41.34	ng	#	99
90) Benzo(a)pyrene	24.999	252	810509	43.47	ng	#	97
91) Dibenzo(a,h)anthracene	29.059	278	795604	44.15	ng	#	96
92) Benzo(g,h,i)perylene	30.187	276	795490	43.77	ng	#	96

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

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