Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
Data File : BG048976.D
Acq On : 15 Jun 2021 13:39
Operator : CG/JU
Sample : PB137114BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137114BS

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:17 PM

Quant Time: Jun 15 14:47:34 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	36095	20.000	ng	# 0.00
21) Naphthalene-d8	10.940	136	145519	20.000	ng	# 0.00
39) Acenaphthene-d10	14.759	164	108558	20.000	ng	0.00
64) Phenanthrene-d10	17.514	188	266882	20.000	ng	# 0.00
76) Chrysene-d12	21.803	240	276233	20.000	ng	-0.01
86) Perylene-d12	25.146	264	277236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	290558	125.310	ng	0.00
7) Phenol-d6	7.273	99	399187	114.864	ng	0.00
23) Nitrobenzene-d5	9.283	82	273263	80.973	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	202745	126.057	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	597284	77.724	ng	0.00
79) Terphenyl-d14	20.117	244	1159777	76.893	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.536	88	36707	32.427	ng	# 75
3) Pyridine	3.942	79	95805	31.199	ng	# 88
4) n-Nitrosodimethylamine	3.854	42	70498	47.940	ng	# 74
6) Aniline	7.432	93	136458	31.179	ng	93
8) 2-Chlorophenol	7.679	128	108694	42.530	ng	86
9) Benzaldehyde	7.244	77	35597	19.795	ng	# 87
10) Phenol	7.297	94	153710	42.813	ng	93
11) bis(2-Chloroethyl)ether	7.526	93	102734	38.566	ng	# 80
12) 1,3-Dichlorobenzene	8.002	146	115468	40.445	ng	96
13) 1,4-Dichlorobenzene	8.149	146	116480	40.923	ng	95
14) 1,2-Dichlorobenzene	8.472	146	111909	40.870	ng	93
15) Benzyl Alcohol	8.354	79	126073	39.611	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.642	45	200820	39.842	ng	85
17) 2-Methylphenol	8.560	107	98324	41.760	ng	94
18) Hexachloroethane	9.212	117	46831	41.012	ng	98
19) n-Nitroso-di-n-propyla...	8.924	70	101962	37.534	ng	# 93
20) 3+4-Methylphenols	8.889	107	135049	41.952	ng	98
22) Acetophenone	8.942	105	186255	42.070	ng	# 96
24) Nitrobenzene	9.324	77	147686	38.850	ng	97
25) Isophorone	9.853	82	260886	35.484	ng	98
26) 2-Nitrophenol	10.041	139	53157	41.223	ng	97
27) 2,4-Dimethylphenol	10.105	122	110346	47.198	ng	90
28) bis(2-Chloroethoxy)met...	10.334	93	139687	41.031	ng	94
29) 2,4-Dichlorophenol	10.587	162	112776	42.997	ng	94
30) 1,2,4-Trichlorobenzene	10.798	180	121927	40.545	ng	100
31) Naphthalene	10.992	128	337610	38.943	ng	98
32) Benzoic acid	10.240	122	72361	47.385	ng	# 70
33) 4-Chloroaniline	11.092	127	49442	13.432	ng	94
34) Hexachlorobutadiene	11.280	225	83701	39.053	ng	94
35) Caprolactam	11.874	113	40711m	53.694	ng	
36) 4-Chloro-3-methylphenol	12.220	107	136244	42.497	ng	# 88
37) 2-Methylnaphthalene	12.591	142	255360	38.997	ng	97
38) 1-Methylnaphthalene	12.808	142	235940	38.379	ng	92
40) 1,2,4,5-Tetrachloroben...	12.961	216	139918	40.590	ng	96
41) Hexachlorocyclopentadiene	12.943	237	204784	92.411	ng	95
43) 2,4,6-Trichlorophenol	13.196	196	100970	43.777	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	109942	46.098	ng		93
46) 1,1'-Biphenyl	13.595	154	336610	42.058	ng		98
47) 2-Chloronaphthalene	13.642	162	258268	40.409	ng		100
48) 2-Nitroaniline	13.836	65	101414	44.213	ng		99
49) Acenaphthylene	14.482	152	438449	41.168	ng		97
50) Dimethylphthalate	14.212	163	361195	42.714	ng		99
51) 2,6-Dinitrotoluene	14.330	165	74936	43.515	ng		98
52) Acenaphthene	14.823	154	269001	39.187	ng		96
53) 3-Nitroaniline	14.659	138	48674	27.918	ng	#	88
54) 2,4-Dinitrophenol	14.864	184	81391	102.034	ng		85
55) Dibenzofuran	15.158	168	420530	39.410	ng		97
56) 4-Nitrophenol	14.976	139	136617	96.115	ng		88
57) 2,4-Dinitrotoluene	15.117	165	109459	51.747	ng		93
58) Fluorene	15.810	166	356279	40.831	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.381	232	105405	43.662	ng	#	98
60) Diethylphthalate	15.575	149	389035	42.478	ng		97
61) 4-Chlorophenyl-phenyle...	15.799	204	189174	41.463	ng		96
62) 4-Nitroaniline	15.822	138	76093	43.156	ng	#	82
63) Azobenzene	16.092	77	411233	39.243	ng		89
65) 4,6-Dinitro-2-methylph...	15.875	198	55435	43.802	ng		92
66) n-Nitrosodiphenylamine	16.010	169	316152	38.012	ng		96
67) 4-Bromophenyl-phenylether	16.697	248	129262	38.790	ng		97
68) Hexachlorobenzene	16.815	284	145544	40.297	ng		96
69) Atrazine	16.962	200	137132	51.367	ng		98
70) Pentachlorophenol	17.162	266	184211	84.867	ng		97
71) Phenanthrene	17.555	178	601434	40.051	ng		97
72) Anthracene	17.643	178	611411	40.518	ng		98
73) Carbazole	17.914	167	585139	40.454	ng		98
74) Di-n-butylphthalate	18.472	149	705477	43.486	ng		98
75) Fluoranthene	19.559	202	771230	42.589	ng		97
77) Benzidine	19.735	184	307229	55.210	ng		97
78) Pyrene	19.923	202	779534	38.880	ng		96
80) Butylbenzylphthalate	20.804	149	314673	41.598	ng		98
81) Benzo(a)anthracene	21.786	228	780859	39.371	ng		98
82) 3,3'-Dichlorobenzidine	21.697	252	206166	32.506	ng		97
83) Chrysene	21.856	228	746071	39.233	ng		95
84) Bis(2-ethylhexyl)phtha...	21.692	149	460851	42.740	ng		95
85) Di-n-octyl phthalate	22.949	149	788025	43.091	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.977	276	952032	45.630	ng	#	96
88) Benzo(b)fluoranthene	24.083	252	841791	42.594	ng	#	94
89) Benzo(k)fluoranthene	24.153	252	790509	42.158	ng	#	99
90) Benzo(a)pyrene	24.988	252	794087	44.017	ng	#	97
91) Dibenzo(a,h)anthracene	29.042	278	794362	45.555	ng	#	96
92) Benzo(g,h,i)perylene	30.182	276	796085	45.275	ng	#	97

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

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