Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005655.D
Acq On : 01 Jun 2021 13:35
Operator : CG/JU
Sample : PB136714BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136714BS

Manual Integrations APPROVED
mohammad
6/2/2021 10:52:33 AM

Quant Time: Jun 01 14:11:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	193237	20.00	ng		0.00
21) Naphthalene-d8	10.793	136	754837	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	443466	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	887165	20.00	ng		# 0.00
76) Chrysene-d12	21.416	240	897020	20.00	ng		# 0.00
86) Perylene-d12	23.857	264	953373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1679782	135.15	ng		0.00
7) Phenol-d6	7.152	99	2032559	119.96	ng		0.00
23) Nitrobenzene-d5	9.152	82	1254434	92.42	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	835914	147.00	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	2807459	83.78	ng		0.00
79) Terphenyl-d14	19.892	244	4157208	86.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	203674	35.80	ng		89
3) Pyridine	3.823	79	539153	38.29	ng	#	89
4) n-Nitrosodimethylamine	3.728	42	283107	45.14	ng	#	26
6) Aniline	7.311	93	483776	24.42	ng		95
8) 2-Chlorophenol	7.552	128	628594	45.17	ng		93
9) Benzaldehyde	7.122	77	401374	54.71	ng		91
10) Phenol	7.175	94	773527	44.71	ng		99
11) bis(2-Chloroethyl)ether	7.411	93	584899	43.79	ng		98
12) 1,3-Dichlorobenzene	7.875	146	677952	42.92	ng		99
13) 1,4-Dichlorobenzene	8.022	146	692344	43.24	ng		96
14) 1,2-Dichlorobenzene	8.340	146	660765	43.15	ng		100
15) Benzyl Alcohol	8.228	79	533674	43.91	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	657319	42.99	ng		83
17) 2-Methylphenol	8.428	107	501050	44.49	ng		96
18) Hexachloroethane	9.075	117	250560	44.10	ng		91
19) n-Nitroso-di-n-propyla...	8.799	70	438775	40.71	ng		95
20) 3+4-Methylphenols	8.758	107	668465	44.55	ng		95
22) Acetophenone	8.810	105	883627	43.89	ng	#	96
24) Nitrobenzene	9.193	77	668760	44.36	ng		93
25) Isophorone	9.722	82	1124641	37.32	ng	#	98
26) 2-Nitrophenol	9.905	139	279813	48.50	ng	#	78
27) 2,4-Dimethylphenol	9.963	122	554699	47.96	ng		99
28) bis(2-Chloroethoxy)met...	10.205	93	727063	44.83	ng		98
29) 2,4-Dichlorophenol	10.440	162	557520	44.82	ng		96
30) 1,2,4-Trichlorobenzene	10.657	180	614844	41.73	ng		98
31) Naphthalene	10.846	128	1813644	40.35	ng		98
32) Benzoic acid	10.105	122	313553	49.06	ng		95
33) 4-Chloroaniline	10.952	127	152144	8.13	ng	#	90
34) Hexachlorobutadiene	11.134	225	383369	41.66	ng		98
35) Caprolactam	11.740	113	162932m	47.83	ng		
36) 4-Chloro-3-methylphenol	12.069	107	563215	43.01	ng		95
37) 2-Methylnaphthalene	12.446	142	1291201	40.54	ng	#	88
38) 1-Methylnaphthalene	12.663	142	1189200	39.35	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	691516	46.75	ng	#	96
41) Hexachlorocyclopentadiene	12.799	237	973224	118.17	ng		97
43) 2,4,6-Trichlorophenol	13.046	196	438277	48.85	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	477792	49.24	ng	#	95
46) 1,1'-Biphenyl	13.451	154	1610797	44.73	ng		98
47) 2-Chloronaphthalene	13.493	162	1239668	42.35	ng		99
48) 2-Nitroaniline	13.687	65	336491	48.39	ng	#	82
49) Acenaphthylene	14.334	152	1952807	42.80	ng		100
50) Dimethylphthalate	14.069	163	1516385	42.99	ng		99
51) 2,6-Dinitrotoluene	14.181	165	322027	42.04	ng	#	69
52) Acenaphthene	14.675	154	1170835	39.48	ng		96
53) 3-Nitroaniline	14.510	138	119387	17.97	ng		81
54) 2,4-Dinitrophenol	14.716	184	309552	94.58	ng		94
55) Dibenzofuran	15.004	168	1841108	40.50	ng		98
56) 4-Nitrophenol	14.816	139	594175	89.82	ng	#	57
57) 2,4-Dinitrotoluene	14.963	165	442624	46.11	ng	#	70
58) Fluorene	15.651	166	1505537	41.42	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	415081m	49.44	ng		
60) Diethylphthalate	15.428	149	1499968	42.38	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	769136	42.33	ng		99
62) 4-Nitroaniline	15.669	138	327848	41.15	ng	#	48
63) Azobenzene	15.940	77	1496615	40.38	ng		96
65) 4,6-Dinitro-2-methylph...	15.728	198	207217	46.69	ng		86
66) n-Nitrosodiphenylamine	15.857	169	1295973	42.87	ng	#	93
67) 4-Bromophenyl-phenylether	16.540	248	485663	45.44	ng		98
68) Hexachlorobenzene	16.657	284	570286	44.81	ng	#	94
69) Atrazine	16.810	200	473053	54.76	ng		97
70) Pentachlorophenol	16.998	266	706024	110.62	ng		95
71) Phenanthrene	17.392	178	2326929	42.10	ng		100
72) Anthracene	17.487	178	2378972	43.59	ng		99
73) Carbazole	17.751	167	2155432	40.13	ng		100
74) Di-n-butylphthalate	18.298	149	2486931	43.24	ng	#	92
75) Fluoranthene	19.345	202	2700809	40.71	ng		95
77) Benzidine	19.522	184	693732	40.72	ng		99
78) Pyrene	19.698	202	2813876	44.46	ng		99
80) Butylbenzylphthalate	20.569	149	1089061	43.01	ng	#	92
81) Benzo(a)anthracene	21.404	228	2731101	41.49	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	514439	24.19	ng	#	97
83) Chrysene	21.457	228	2654196	41.64	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	1627684	45.52	ng	#	95
85) Di-n-octyl phthalate	22.257	149	2710942	45.11	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.427	276	3308969	40.79	ng	#	90
88) Benzo(b)fluoranthene	23.110	252	2763935	39.96	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	2733201	41.70	ng	#	97
90) Benzo(a)pyrene	23.745	252	2649129	42.10	ng	#	96
91) Dibenzo(a,h)anthracene	26.445	278	2818623	40.04	ng	#	94
92) Benzo(g,h,i)perylene	27.210	276	2755798	40.59	ng	#	91

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

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