Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005609.D
Acq On : 19 May 2021 13:32
Operator : CG/JU
Sample : PB136520BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136520BSD

Manual Integrations APPROVED
mohammad
5/20/2021 11:35:37 AM

Quant Time: May 19 15:04:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	10322	20.00	ng		0.00
21) Naphthalene-d8	10.446	136	32878	20.00	ng		# 0.00
39) Acenaphthene-d10	14.316	164	27815	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	75987	20.00	ng		# 0.00
76) Chrysene-d12	21.175	240	115631	20.00	ng		# 0.00
86) Perylene-d12	23.469	264	122105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	78553	146.05	ng		0.00
7) Phenol-d6	6.864	99	85605	127.64	ng		0.00
23) Nitrobenzene-d5	8.828	82	74375	89.04	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	103662	131.33	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	212059	86.00	ng		0.00
79) Terphenyl-d14	19.651	244	572585	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	8524	40.73	ng	#	89
3) Pyridine	3.552	79	21579	45.31	ng	#	76
4) n-Nitrosodimethylamine	3.464	42	19386	50.62	ng	#	3
6) Aniline	6.999	93	26412	36.49	ng	#	81
8) 2-Chlorophenol	7.234	128	25963	44.94	ng		96
9) Benzaldehyde	6.811	77	18191	54.50	ng	#	78
10) Phenol	6.887	94	29534	44.03	ng	#	39
11) bis(2-Chloroethyl)ether	7.099	93	19837	42.82	ng		98
12) 1,3-Dichlorobenzene	7.546	146	31963	41.59	ng	#	86
13) 1,4-Dichlorobenzene	7.693	146	31994	41.76	ng		95
14) 1,2-Dichlorobenzene	8.005	146	30758	41.89	ng		96
15) Benzyl Alcohol	7.922	79	28093	43.42	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.181	45	9773	42.72	ng	#	64
17) 2-Methylphenol	8.128	107	20118	43.67	ng	#	70
18) Hexachloroethane	8.716	117	14113	44.48	ng		89
19) n-Nitroso-di-n-propyla...	8.475	70	20341	41.42	ng	#	90
20) 3+4-Methylphenols	8.463	107	27334	44.63	ng		88
22) Acetophenone	8.493	105	39573	42.67	ng	#	82
24) Nitrobenzene	8.869	77	36272	43.29	ng		90
25) Isophorone	9.399	82	51244	39.61	ng	#	96
26) 2-Nitrophenol	9.575	139	14538	41.44	ng	#	69
27) 2,4-Dimethylphenol	9.652	122	22944	49.40	ng	#	75
28) bis(2-Chloroethoxy)met...	9.881	93	24743	45.69	ng		97
29) 2,4-Dichlorophenol	10.122	162	30993	42.50	ng		100
30) 1,2,4-Trichlorobenzene	10.316	180	41088	44.10	ng		95
31) Naphthalene	10.499	128	74110	41.92	ng		98
32) Benzoic acid	9.869	122	14033	39.11	ng	#	72
33) 4-Chloroaniline	10.640	127	15399	22.36	ng	#	81
34) Hexachlorobutadiene	10.769	225	35623	45.85	ng		97
35) Caprolactam	11.452	113	6935m	41.33	ng		
36) 4-Chloro-3-methylphenol	11.781	107	29311	45.08	ng		96
37) 2-Methylnaphthalene	12.122	142	63859	45.03	ng		97
38) 1-Methylnaphthalene	12.340	142	59123	44.16	ng		92
40) 1,2,4,5-Tetrachloroben...	12.493	216	58490	45.77	ng		98
41) Hexachlorocyclopentadiene	12.457	237	48666	89.54	ng		99
43) 2,4,6-Trichlorophenol	12.751	196	35100	43.96	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	35093	40.73	ng		96
46) 1,1'-Biphenyl	13.146	154	93505	43.66	ng		97
47) 2-Chloronaphthalene	13.187	162	74297	41.67	ng		97
48) 2-Nitroaniline	13.416	65	23390	46.18	ng		94
49) Acenaphthylene	14.034	152	112498	43.79	ng		98
50) Dimethylphthalate	13.787	163	103330	43.03	ng		99
51) 2,6-Dinitrotoluene	13.916	165	21722	40.29	ng		96
52) Acenaphthene	14.375	154	68079	42.60	ng		94
53) 3-Nitroaniline	14.251	138	9587	24.82	ng	#	90
54) 2,4-Dinitrophenol	14.475	184	29340	90.21	ng	#	74
55) Dibenzofuran	14.716	168	129289	43.00	ng		97
56) 4-Nitrophenol	14.593	139	23642	81.08	ng	#	78
57) 2,4-Dinitrotoluene	14.716	165	34060	42.85	ng	#	86
58) Fluorene	15.369	166	109409	44.57	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.957	232	37127	43.09	ng	#	93
60) Diethylphthalate	15.151	149	104519	44.94	ng		96
61) 4-Chlorophenyl-phenyle...	15.363	204	71690	46.67	ng		99
62) 4-Nitroaniline	15.422	138	14378	38.74	ng	#	70
63) Azobenzene	15.657	77	111075	46.34	ng		87
65) 4,6-Dinitro-2-methylph...	15.487	198	21833	36.26	ng		93
66) n-Nitrosodiphenylamine	15.587	169	92438	41.68	ng		92
67) 4-Bromophenyl-phenylether	16.257	248	51977	43.82	ng		96
68) Hexachlorobenzene	16.375	284	64220	42.69	ng		98
69) Atrazine	16.551	200	48347	46.67	ng		97
70) Pentachlorophenol	16.734	266	66909	83.83	ng		96
71) Phenanthrene	17.110	178	184845	42.81	ng		99
72) Anthracene	17.204	178	190243	44.40	ng		97
73) Carbazole	17.492	167	151233	40.07	ng		98
74) Di-n-butylphthalate	18.039	149	184281	44.49	ng		98
75) Fluoranthene	19.092	202	259105	43.63	ng		97
77) Benzidine	19.286	184	139795	78.11	ng		98
78) Pyrene	19.451	202	270006	41.24	ng		98
80) Butylbenzylphthalate	20.328	149	89796	42.45	ng		89
81) Benzo(a)anthracene	21.163	228	315679	42.13	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	102823	36.42	ng	#	98
83) Chrysene	21.210	228	305496	42.06	ng		98
84) Bis(2-ethylhexyl)phtha...	21.080	149	137752	42.59	ng	#	98
85) Di-n-octyl phthalate	21.969	149	236021	43.45	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.857	276	440866	42.92	ng	#	96
88) Benzo(b)fluoranthene	22.774	252	359034	44.13	ng	#	98
89) Benzo(k)fluoranthene	22.822	252	362374	45.55	ng	#	97
90) Benzo(a)pyrene	23.369	252	342656	45.94	ng	#	98
91) Dibenzo(a,h)anthracene	25.868	278	379897	41.91	ng	#	97
92) Benzo(g,h,i)perylene	26.592	276	366138	43.66	ng	#	95

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

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