Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005545.D
Acq On : 14 May 2021 12:55
Operator : CG/JU
Sample : PB136339BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136339BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:07 AM

Quant Time: May 14 14:01:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	15032	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	48062	20.00	ng		# 0.00
39) Acenaphthene-d10	14.334	164	32639	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	78579	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	95734	20.00	ng		# 0.00
86) Perylene-d12	23.498	264	105755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	113280	144.62	ng		0.00
7) Phenol-d6	6.881	99	127440	130.48	ng		0.00
23) Nitrobenzene-d5	8.846	82	105448	86.35	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	110934	119.77	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	268647	92.85	ng		0.00
79) Terphenyl-d14	19.663	244	512629	90.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	10709	34.47	ng	#	90
3) Pyridine	3.569	79	28686	41.36	ng	#	80
4) n-Nitrosodimethylamine	3.481	42	25539	45.79	ng	#	8
6) Aniline	7.016	93	43219	41.00	ng	#	85
8) 2-Chlorophenol	7.252	128	38371	45.61	ng		94
9) Benzaldehyde	6.828	77	29172	60.42	ng	#	76
10) Phenol	6.905	94	44540	45.59	ng	#	53
11) bis(2-Chloroethyl)ether	7.116	93	30229	44.80	ng		95
12) 1,3-Dichlorobenzene	7.563	146	48543	43.37	ng	#	85
13) 1,4-Dichlorobenzene	7.710	146	49821	44.66	ng		99
14) 1,2-Dichlorobenzene	8.028	146	47330	44.27	ng		97
15) Benzyl Alcohol	7.940	79	41755	44.32	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.204	45	15105	45.34	ng	#	68
17) 2-Methylphenol	8.146	107	29957	44.65	ng	#	83
18) Hexachloroethane	8.740	117	20241	43.80	ng		92
19) n-Nitroso-di-n-propyla...	8.499	70	30400	42.51	ng	#	91
20) 3+4-Methylphenols	8.481	107	39330	44.10	ng		89
22) Acetophenone	8.510	105	58811	43.38	ng	#	88
24) Nitrobenzene	8.893	77	50822	41.49	ng		94
25) Isophorone	9.416	82	72209	38.19	ng	#	96
26) 2-Nitrophenol	9.599	139	21159	41.25	ng	#	78
27) 2,4-Dimethylphenol	9.675	122	32239	47.49	ng	#	74
28) bis(2-Chloroethoxy)met...	9.899	93	36366	45.94	ng		100
29) 2,4-Dichlorophenol	10.140	162	43444	40.75	ng		95
30) 1,2,4-Trichlorobenzene	10.334	180	57313	42.08	ng		97
31) Naphthalene	10.522	128	107336	41.53	ng		99
32) Benzoic acid	9.887	122	19135	36.48	ng	#	78
33) 4-Chloroaniline	10.657	127	17411	17.30	ng		93
34) Hexachlorobutadiene	10.793	225	47888	42.16	ng		98
35) Caprolactam	11.469	113	9253m	37.72	ng		
36) 4-Chloro-3-methylphenol	11.804	107	37983	39.96	ng		99
37) 2-Methylnaphthalene	12.145	142	84416	40.72	ng		97
38) 1-Methylnaphthalene	12.363	142	78299	40.01	ng		96
40) 1,2,4,5-Tetrachloroben...	12.516	216	72514	48.36	ng		98
41) Hexachlorocyclopentadiene	12.481	237	72340	111.32	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	41871	44.69	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	41090	40.64	ng		93
46) 1,1'-Biphenyl	13.163	154	120061	47.78	ng		97
47) 2-Chloronaphthalene	13.204	162	96353	46.05	ng		100
48) 2-Nitroaniline	13.434	65	27025	45.47	ng		98
49) Acenaphthylene	14.051	152	137792	45.71	ng		99
50) Dimethylphthalate	13.804	163	122690	43.55	ng		99
51) 2,6-Dinitrotoluene	13.934	165	26582	42.01	ng		97
52) Acenaphthene	14.398	154	80608	42.98	ng		94
53) 3-Nitroaniline	14.269	138	11359	25.06	ng		99
54) 2,4-Dinitrophenol	14.492	184	32023	83.91	ng	#	82
55) Dibenzofuran	14.734	168	149832	42.47	ng		96
56) 4-Nitrophenol	14.610	139	25247	73.78	ng	#	63
57) 2,4-Dinitrotoluene	14.728	165	38337	41.10	ng		88
58) Fluorene	15.386	166	122530	42.54	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	41439	40.99	ng		97
60) Diethylphthalate	15.169	149	117885	43.19	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	79650	44.19	ng		97
62) 4-Nitroaniline	15.439	138	16298	37.42	ng	#	69
63) Azobenzene	15.675	77	119686	42.55	ng		87
65) 4,6-Dinitro-2-methylph...	15.498	198	23838	38.28	ng		96
66) n-Nitrosodiphenylamine	15.604	169	101233	44.14	ng		95
67) 4-Bromophenyl-phenylether	16.281	248	54830	44.70	ng		96
68) Hexachlorobenzene	16.392	284	69305	44.55	ng		99
69) Atrazine	16.569	200	48249	45.04	ng		96
70) Pentachlorophenol	16.751	266	63067	76.41	ng		96
71) Phenanthrene	17.133	178	186966	41.87	ng		99
72) Anthracene	17.222	178	195058	44.02	ng		98
73) Carbazole	17.510	167	152500	39.08	ng		98
74) Di-n-butylphthalate	18.057	149	179710	41.95	ng		97
75) Fluoranthene	19.110	202	241422	39.31	ng		96
77) Benzidine	19.304	184	137224	92.60	ng		99
78) Pyrene	19.463	202	244090	45.03	ng		100
80) Butylbenzylphthalate	20.339	149	77590	44.31	ng		89
81) Benzo(a)anthracene	21.174	228	257186	41.46	ng		98
82) 3,3'-Dichlorobenzidine	21.110	252	81092	34.69	ng	#	96
83) Chrysene	21.227	228	251414	41.81	ng		98
84) Bis(2-ethylhexyl)phtha...	21.098	149	118793	44.36	ng	#	98
85) Di-n-octyl phthalate	21.986	149	196932	43.79	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.904	276	425006	47.77	ng	#	97
88) Benzo(b)fluoranthene	22.792	252	296852	42.12	ng	#	99
89) Benzo(k)fluoranthene	22.839	252	292187	42.40	ng	#	98
90) Benzo(a)pyrene	23.398	252	290382	44.95	ng	#	98
91) Dibenzo(a,h)anthracene	25.909	278	368821	46.98	ng	#	98
92) Benzo(g,h,i)perylene	26.639	276	351544	48.40	ng	#	94

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

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