Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
Data File : BP005428.D
Acq On : 30 Apr 2021 11:38
Operator : CG/JU
Sample : PB136031BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136031BS

Manual Integrations APPROVED
mohammad
5/3/2021 10:50:42 AM

Quant Time: Apr 30 13:03:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	34608	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	126677	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	97268	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	226820	20.00	ng		# 0.00
76) Chrysene-d12	21.163	240	265940	20.00	ng		0.00
86) Perylene-d12	23.416	264	227621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	268107	135.54	ng		0.00
7) Phenol-d6	6.822	99	326159	117.81	ng		0.00
23) Nitrobenzene-d5	8.793	82	272389	76.21	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	232854	115.41	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	616922	75.72	ng		0.00
79) Terphenyl-d14	19.639	244	1297831	87.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	32837	29.90	ng	#	90
3) Pyridine	3.558	79	84211	34.13	ng	#	81
4) n-Nitrosodimethylamine	3.475	42	43790	41.91	ng	#	29
6) Aniline	6.964	93	110547	35.96	ng	#	80
8) 2-Chlorophenol	7.193	128	87687	42.70	ng		86
9) Benzaldehyde	6.775	77	34200	23.75	ng	#	64
10) Phenol	6.846	94	124751	45.19	ng	#	63
11) bis(2-Chloroethyl)ether	7.064	93	81178	42.71	ng		99
12) 1,3-Dichlorobenzene	7.511	146	100050	40.43	ng	#	83
13) 1,4-Dichlorobenzene	7.658	146	102368	40.72	ng		98
14) 1,2-Dichlorobenzene	7.969	146	97921	40.36	ng		96
15) Benzyl Alcohol	7.881	79	112755	44.41	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.158	45	35062	42.37	ng	#	58
17) 2-Methylphenol	8.081	107	77689	43.97	ng	#	80
18) Hexachloroethane	8.687	117	44566	43.08	ng		93
19) n-Nitroso-di-n-propyla...	8.440	70	90611	41.48	ng	#	84
20) 3+4-Methylphenols	8.411	107	105438	43.63	ng		88
22) Acetophenone	8.452	105	155359	40.75	ng	#	98
24) Nitrobenzene	8.828	77	139727	38.26	ng		90
25) Isophorone	9.358	82	223517	38.48	ng		96
26) 2-Nitrophenol	9.540	139	48186	39.83	ng	#	77
27) 2,4-Dimethylphenol	9.605	122	83621	46.03	ng	#	82
28) bis(2-Chloroethoxy)met...	9.840	93	108895	43.34	ng		95
29) 2,4-Dichlorophenol	10.075	162	100617	40.72	ng		96
30) 1,2,4-Trichlorobenzene	10.275	180	122850	39.21	ng		99
31) Naphthalene	10.463	128	264839	39.16	ng		98
32) Benzoic acid	9.799	122	57150	42.95	ng	#	73
33) 4-Chloroaniline	10.587	127	57160	21.07	ng	#	94
34) Hexachlorobutadiene	10.740	225	103812	38.10	ng		97
35) Caprolactam	11.405	113	26275m	37.94	ng		
36) 4-Chloro-3-methylphenol	11.734	107	110021	41.51	ng		95
37) 2-Methylnaphthalene	12.087	142	210153	40.00	ng		96
38) 1-Methylnaphthalene	12.310	142	192614	38.99	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	168663	39.73	ng		97
41) Hexachlorocyclopentadiene	12.434	237	133874	73.60	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	106462	41.05	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	109413	39.48	ng		92
46) 1,1'-Biphenyl	13.116	154	290607	39.82	ng		98
47) 2-Chloronaphthalene	13.157	162	233798	39.17	ng		98
48) 2-Nitroaniline	13.381	65	83175	42.37	ng		94
49) Acenaphthylene	14.010	152	370542	41.96	ng		99
50) Dimethylphthalate	13.763	163	313677	39.77	ng		100
51) 2,6-Dinitrotoluene	13.887	165	65863	37.68	ng		98
52) Acenaphthene	14.357	154	219918	39.98	ng		94
53) 3-Nitroaniline	14.216	138	37205	26.54	ng		93
54) 2,4-Dinitrophenol	14.440	184	92355	82.38	ng	#	83
55) Dibenzofuran	14.693	168	380753	38.51	ng		96
56) 4-Nitrophenol	14.551	139	89744	83.75	ng	#	75
57) 2,4-Dinitrotoluene	14.681	165	100290	39.72	ng	#	96
58) Fluorene	15.351	166	328250	40.09	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	109073	39.76	ng		94
60) Diethylphthalate	15.134	149	315888	40.78	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	208864	40.69	ng		99
62) 4-Nitroaniline	15.393	138	51434	39.56	ng		89
63) Azobenzene	15.640	77	370863	39.22	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	62353	36.43	ng		95
66) n-Nitrosodiphenylamine	15.569	169	271513	41.37	ng		93
67) 4-Bromophenyl-phenylether	16.245	248	130380	41.02	ng		96
68) Hexachlorobenzene	16.357	284	149580	40.91	ng	#	90
69) Atrazine	16.534	200	127632	43.00	ng		97
70) Pentachlorophenol	16.710	266	178228	90.36	ng		96
71) Phenanthrene	17.098	178	508175	41.24	ng		100
72) Anthracene	17.192	178	520158	42.03	ng		99
73) Carbazole	17.475	167	427117	38.90	ng		100
74) Di-n-butylphthalate	18.028	149	528473	43.96	ng	#	96
75) Fluoranthene	19.086	202	662270	39.01	ng		98
77) Benzidine	19.275	184	180763	39.75	ng		99
78) Pyrene	19.439	202	684170	45.04	ng		99
80) Butylbenzylphthalate	20.316	149	230101	47.24	ng	#	85
81) Benzo(a)anthracene	21.145	228	727190	42.16	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	235230	39.68	ng		97
83) Chrysene	21.198	228	682241	40.58	ng		99
84) Bis(2-ethylhexyl)phtha...	21.075	149	355748	46.99	ng		100
85) Di-n-octyl phthalate	21.951	149	560418	43.60	ng		99
87) Indeno(1,2,3-cd)pyrene	25.721	276	744830	40.67	ng		98
88) Benzo(b)fluoranthene	22.733	252	686637	45.30	ng		98
89) Benzo(k)fluoranthene	22.780	252	643047	44.41	ng	#	99
90) Benzo(a)pyrene	23.316	252	575400	41.64	ng		98
91) Dibenzo(a,h)anthracene	25.733	278	636167	39.90	ng		99
92) Benzo(g,h,i)perylene	26.427	276	580557	39.22	ng		98

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

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