Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
Data File : BP005433.D
Acq On : 30 Apr 2021 14:38
Operator : CG/JU
Sample : M2229-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:42:33 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

Instrument :
BNA_P
ClientSampleId :
TP-6MS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	29743	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	104592	20.00	ng		0.00
39) Acenaphthene-d10	14.287	164	74875	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	181246	20.00	ng		0.00
76) Chrysene-d12	21.163	240	272927	20.00	ng		0.00
86) Perylene-d12	23.416	264	282824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	167818	98.72	ng		0.00
7) Phenol-d6	6.816	99	212779	89.43	ng		0.00
23) Nitrobenzene-d5	8.787	82	168566	57.12	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	131980	84.98	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	326211	52.01	ng		0.00
79) Terphenyl-d14	19.639	244	1124425	74.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	36960	39.16	ng		94
3) Pyridine	3.558	79	94166	44.41	ng	#	83
4) n-Nitrosodimethylamine	3.470	42	43416	48.35	ng	#	28
6) Aniline	6.963	93	68237	25.83	ng	#	82
8) 2-Chlorophenol	7.193	128	89217	50.55	ng		81
9) Benzaldehyde	6.775	77	88020	71.12	ng	#	77
10) Phenol	6.846	94	126065	53.14	ng	#	64
11) bis(2-Chloroethyl)ether	7.058	93	82805	50.69	ng		97
12) 1,3-Dichlorobenzene	7.511	146	100590	47.30	ng	#	82
13) 1,4-Dichlorobenzene	7.658	146	103712	48.01	ng		98
14) 1,2-Dichlorobenzene	7.969	146	99262	47.60	ng		96
15) Benzyl Alcohol	7.875	79	113671	52.10	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.146	45	37772	53.12	ng	#	62
17) 2-Methylphenol	8.081	107	76690m	50.51	ng		
18) Hexachloroethane	8.687	117	42523	47.82	ng		94
19) n-Nitroso-di-n-propyla...	8.434	70	86083	45.85	ng	#	80
20) 3+4-Methylphenols	8.416	107	103908	50.02	ng		88
22) Acetophenone	8.452	105	149443	47.47	ng	#	99
24) Nitrobenzene	8.828	77	134217	44.51	ng		92
25) Isophorone	9.352	82	205682	42.89	ng		95
26) 2-Nitrophenol	9.534	139	47778	47.84	ng	#	78
27) 2,4-Dimethylphenol	9.604	122	79779	53.19	ng	#	75
28) bis(2-Chloroethoxy)met...	9.834	93	103234	49.77	ng		98
29) 2,4-Dichlorophenol	10.075	162	95432	46.78	ng		95
30) 1,2,4-Trichlorobenzene	10.275	180	115275	44.56	ng		96
31) Naphthalene	10.463	128	261208	46.78	ng		99
32) Benzoic acid	9.787	122	58216	52.99	ng	#	68
33) 4-Chloroaniline	10.593	127	31080	13.87	ng	#	86
34) Hexachlorobutadiene	10.734	225	94517	42.01	ng		98
35) Caprolactam	11.399	113	25584	44.74	ng		95
36) 4-Chloro-3-methylphenol	11.734	107	102227	46.72	ng		92
37) 2-Methylnaphthalene	12.087	142	199425	45.97	ng		95
38) 1-Methylnaphthalene	12.310	142	180576	44.27	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	153303	46.91	ng		97
41) Hexachlorocyclopentadiene	12.428	237	105127	74.91	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	93920	47.05	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	102765	48.17	ng		91
46) 1,1'-Biphenyl	13.116	154	268533	47.80	ng		98
47) 2-Chloronaphthalene	13.157	162	215898	46.99	ng		99
48) 2-Nitroaniline	13.381	65	76912	50.90	ng		95
49) Acenaphthylene	14.010	152	324968	47.81	ng		99
50) Dimethylphthalate	13.757	163	290508	47.84	ng		99
51) 2,6-Dinitrotoluene	13.881	165	58848	43.74	ng		97
52) Acenaphthene	14.357	154	196271	46.35	ng		97
53) 3-Nitroaniline	14.216	138	34996	32.43	ng		90
54) 2,4-Dinitrophenol	14.434	184	67469	78.18	ng	#	76
55) Dibenzofuran	14.692	168	344971	45.32	ng		95
56) 4-Nitrophenol	14.551	139	86400	104.74	ng	#	76
57) 2,4-Dinitrotoluene	14.681	165	87479	45.00	ng		96
58) Fluorene	15.345	166	292926	46.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	96625	45.76	ng	#	92
60) Diethylphthalate	15.128	149	284753	47.76	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	176110	44.57	ng		97
62) 4-Nitroaniline	15.392	138	44594	44.56	ng	#	87
63) Azobenzene	15.639	77	323943	44.51	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	47793	34.94	ng		95
66) n-Nitrosodiphenylamine	15.569	169	240749	45.90	ng	#	94
67) 4-Bromophenyl-phenylether	16.245	248	115881	45.63	ng		95
68) Hexachlorobenzene	16.357	284	133069	45.54	ng	#	91
69) Atrazine	16.534	200	107874	45.48	ng		99
70) Pentachlorophenol	16.710	266	171689	108.94	ng		97
71) Phenanthrene	17.098	178	501887	50.98	ng		98
72) Anthracene	17.192	178	489072	49.46	ng		99
73) Carbazole	17.469	167	406086	46.28	ng		99
74) Di-n-butylphthalate	18.028	149	495998	51.63	ng	#	96
75) Fluoranthene	19.086	202	736658	54.30	ng		99
77) Benzidine	19.275	184	281423	60.29	ng		100
78) Pyrene	19.439	202	764222	49.02	ng		99
80) Butylbenzylphthalate	20.316	149	284771	56.96	ng	#	85
81) Benzo(a)anthracene	21.151	228	895217	50.57	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	265322	43.61	ng		97
83) Chrysene	21.204	228	867704	50.29	ng		99
84) Bis(2-ethylhexyl)phtha...	21.074	149	679877	87.50	ng		98
85) Di-n-octyl phthalate	21.951	149	693870	52.60	ng		99
87) Indeno(1,2,3-cd)pyrene	25.733	276	1078800	47.40	ng		99
88) Benzo(b)fluoranthene	22.739	252	950192	50.46	ng		99
89) Benzo(k)fluoranthene	22.780	252	840533	46.72	ng		99
90) Benzo(a)pyrene	23.321	252	860317	50.11	ng		99
91) Dibenzo(a,h)anthracene	25.739	278	907804	45.82	ng		99
92) Benzo(g,h,i)perylene	26.433	276	855855	46.53	ng	#	97

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

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