Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028879.D
Acq On : 24 Feb 2021 14:55
Operator : CG/JU
Sample : PB134792BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 15:32:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB134792BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	17654	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	67224	20.00	ng		# 0.00
39) Acenaphthene-d10	14.468	164	36680	20.00	ng		0.00
64) Phenanthrene-d10	17.209	188	66964	20.00	ng		0.00
76) Chrysene-d12	21.368	240	56533	20.00	ng		# 0.00
86) Perylene-d12	23.580	264	51624	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	122889	115.38	ng		0.00
7) Phenol-d6	6.998	99	151573	107.74	ng		0.00
23) Nitrobenzene-d5	8.986	82	81009	65.02	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	45990	105.79	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	183298	66.53	ng		0.00
79) Terphenyl-d14	19.821	244	192641	62.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	16082	40.16	ng	#	71
3) Pyridine	3.599	79	41781	39.53	ng	#	47
4) n-Nitrosodimethylamine	3.516	42	25496	43.18	ng	#	58
6) Aniline	7.140	93	48123	31.99	ng		97
8) 2-Chlorophenol	7.375	128	51199	40.47	ng		94
9) Benzaldehyde	6.951	77	16635	21.69	ng		81
10) Phenol	7.028	94	56093	40.12	ng		88
11) bis(2-Chloroethyl)ether	7.240	93	44236	41.71	ng		94
12) 1,3-Dichlorobenzene	7.692	146	56129	40.68	ng	#	92
13) 1,4-Dichlorobenzene	7.845	146	56974	40.72	ng		98
14) 1,2-Dichlorobenzene	8.157	146	54010	40.11	ng		98
15) Benzyl Alcohol	8.069	79	39382	39.15	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.345	45	68433	41.90	ng		73
17) 2-Methylphenol	8.275	107	38377	40.42	ng	#	89
18) Hexachloroethane	8.875	117	21352	42.00	ng		89
19) n-Nitroso-di-n-propyla...	8.628	70	32761	39.59	ng	#	63
20) 3+4-Methylphenols	8.604	107	50544	39.57	ng		90
22) Acetophenone	8.645	105	69977	42.68	ng	#	88
24) Nitrobenzene	9.028	77	50370	39.76	ng	#	85
25) Isophorone	9.551	82	85198	38.86	ng	#	94
26) 2-Nitrophenol	9.733	139	26668	41.67	ng	#	84
27) 2,4-Dimethylphenol	9.804	122	41783	43.51	ng		89
28) bis(2-Chloroethoxy)met...	10.033	93	56352	45.24	ng		99
29) 2,4-Dichlorophenol	10.275	162	43164	39.29	ng		100
30) 1,2,4-Trichlorobenzene	10.475	180	49025	40.70	ng		98
31) Naphthalene	10.663	128	148049	39.95	ng		100
32) Benzoic acid	9.981	122	27691	40.23	ng	#	84
33) 4-Chloroaniline	10.786	127	32047	21.51	ng		93
34) Hexachlorobutadiene	10.928	225	28923	40.04	ng		99
35) Caprolactam	11.598	113	11270	37.50	ng	#	68
36) 4-Chloro-3-methylphenol	11.927	107	42801	38.66	ng		91
37) 2-Methylnaphthalene	12.280	142	103249	39.59	ng		97
38) 1-Methylnaphthalene	12.498	142	96955	39.25	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	49596	43.25	ng		99
41) Hexachlorocyclopentadiene	12.616	237	56248	128.66	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	31915	39.70	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	33768	39.14	ng	#	97
46) 1,1'-Biphenyl	13.298	154	125760	42.75	ng		99
47) 2-Chloronaphthalene	13.345	162	99024	41.24	ng		98
48) 2-Nitroaniline	13.563	65	26060	40.35	ng	#	87
49) Acenaphthylene	14.192	152	148261	40.20	ng		100
50) Dimethylphthalate	13.933	163	112412	40.44	ng		99
51) 2,6-Dinitrotoluene	14.063	165	25051	38.65	ng		90
52) Acenaphthene	14.533	154	90204	39.88	ng		99
53) 3-Nitroaniline	14.398	138	16545	26.20	ng		84
54) 2,4-Dinitrophenol	14.616	184	27218	82.10	ng		97
55) Dibenzofuran	14.868	168	137356	38.68	ng		99
56) 4-Nitrophenol	14.727	139	38353	74.04	ng	#	76
57) 2,4-Dinitrotoluene	14.857	165	32879	38.84	ng		93
58) Fluorene	15.521	166	111628	39.22	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	27153m	39.16	ng		
60) Diethylphthalate	15.298	149	113849	40.71	ng		97
61) 4-Chlorophenyl-phenyle...	15.510	204	54913	40.44	ng		94
62) 4-Nitroaniline	15.563	138	22275	36.49	ng		85
63) Azobenzene	15.804	77	102081	39.56	ng		87
65) 4,6-Dinitro-2-methylph...	15.627	198	17728	37.60	ng		87
66) n-Nitrosodiphenylamine	15.733	169	94448	41.23	ng		96
67) 4-Bromophenyl-phenylether	16.404	248	31779	42.29	ng	#	92
68) Hexachlorobenzene	16.515	284	34558	41.27	ng		94
69) Atrazine	16.686	200	25389	35.62	ng		98
70) Pentachlorophenol	16.868	266	37526	83.78	ng		98
71) Phenanthrene	17.251	178	158598	39.77	ng		100
72) Anthracene	17.345	178	163111	41.29	ng		98
73) Carbazole	17.621	167	141344	37.29	ng		99
74) Di-n-butylphthalate	18.168	149	185173	42.97	ng		99
75) Fluoranthene	19.262	202	168749	38.51	ng		98
77) Benzidine	19.451	184	66834	35.88	ng		99
78) Pyrene	19.621	202	168996	40.69	ng		99
80) Butylbenzylphthalate	20.515	149	75772	42.38	ng		94
81) Benzo(a)anthracene	21.356	228	151056	38.50	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	32988	24.34	ng	#	97
83) Chrysene	21.403	228	146696	38.37	ng		100
84) Bis(2-ethylhexyl)phtha...	21.274	149	114277	44.42	ng	#	98
85) Di-n-octyl phthalate	22.144	149	190351	43.61	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.815	276	153408	39.38	ng	#	90
88) Benzo(b)fluoranthene	22.915	252	145396	39.87	ng	#	97
89) Benzo(k)fluoranthene	22.962	252	142182	41.04	ng	#	97
90) Benzo(a)pyrene	23.486	252	128674	38.67	ng	#	97
91) Dibenzo(a,h)anthracene	25.821	278	130685	38.60	ng	#	95
92) Benzo(g,h,i)perylene	26.497	276	125975	38.54	ng	#	92

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

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