Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029040.D
Acq On : 09 Mar 2021 10:41
Operator : CG/JU
Sample : PB135024BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 09 11:16:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : PB135024BS

Manual Integrations APPROVED

mohammad

3/10/2021 11:52:48 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	9387	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	35594	20.00	ng	#	0.00
39) Acenaphthene-d10	14.339	164	20077	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	39744	20.00	ng		0.00
76) Chrysene-d12	21.262	240	40603	20.00	ng	#	0.00
86) Perylene-d12	23.415	264	40443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	62479	110.32	ng		0.00
7) Phenol-d6	6.869	99	74972	100.23	ng		0.00
23) Nitrobenzene-d5	8.845	82	40076	60.75	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	24633	103.52	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	88104	58.42	ng		0.00
79) Terphenyl-d14	19.709	244	113889	51.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	8980	42.17	ng	#	56
3) Pyridine	3.505	79	23349	41.55	ng	#	36
4) n-Nitrosodimethylamine	3.422	42	16948	53.98	ng	#	44
6) Aniline	7.004	93	23561	29.45	ng		100
8) 2-Chlorophenol	7.240	128	27431	40.78	ng		94
9) Benzaldehyde	6.822	77	7207	17.68	ng		86
10) Phenol	6.899	94	30931	41.61	ng		91
11) bis(2-Chloroethyl)ether	7.110	93	23037	40.85	ng		89
12) 1,3-Dichlorobenzene	7.551	146	30041m	40.95	ng		
13) 1,4-Dichlorobenzene	7.704	146	30923	41.56	ng		97
14) 1,2-Dichlorobenzene	8.016	146	28837	40.28	ng		98
15) Benzyl Alcohol	7.934	79	21843	40.83	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.210	45	39511	45.50	ng		69
17) 2-Methylphenol	8.140	107	20876	41.36	ng	#	92
18) Hexachloroethane	8.734	117	11888	43.97	ng		90
19) n-Nitroso-di-n-propyla...	8.487	70	17526	39.83	ng	#	49
20) 3+4-Methylphenols	8.475	107	27469	40.45	ng		95
22) Acetophenone	8.504	105	37816	43.56	ng	#	83
24) Nitrobenzene	8.887	77	27801	41.44	ng	#	85
25) Isophorone	9.410	82	47496	40.91	ng	#	95
26) 2-Nitrophenol	9.592	139	14247	42.05	ng		86
27) 2,4-Dimethylphenol	9.663	122	22009	43.29	ng		92
28) bis(2-Chloroethoxy)met...	9.892	93	28944	43.88	ng		96
29) 2,4-Dichlorophenol	10.134	162	23720	40.78	ng		99
30) 1,2,4-Trichlorobenzene	10.328	180	26141	40.98	ng		97
31) Naphthalene	10.510	128	76981	39.23	ng		99
32) Benzoic acid	9.845	122	15974	43.83	ng	#	87
33) 4-Chloroaniline	10.645	127	20824	26.40	ng	#	92
34) Hexachlorobutadiene	10.781	225	15992	41.82	ng		95
35) Caprolactam	11.451	113	6567	41.27	ng	#	47
36) 4-Chloro-3-methylphenol	11.792	107	23756	40.52	ng		90
37) 2-Methylnaphthalene	12.133	142	54391	39.39	ng		99
38) 1-Methylnaphthalene	12.357	142	51543	39.41	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	26543	42.28	ng		99
41) Hexachlorocyclopentadiene	12.475	237	26572	111.05	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	17776	40.40	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	19226	40.71	ng		95
46) 1,1'-Biphenyl	13.163	154	66289	41.17	ng		99
47) 2-Chloronaphthalene	13.210	162	52399	39.87	ng		97
48) 2-Nitroaniline	13.433	65	15785	44.65	ng		92
49) Acenaphthylene	14.057	152	81694	40.47	ng		99
50) Dimethylphthalate	13.810	163	64770	42.57	ng		99
51) 2,6-Dinitrotoluene	13.939	165	14383	40.54	ng		93
52) Acenaphthene	14.404	154	48835	39.45	ng		96
53) 3-Nitroaniline	14.274	138	11041	31.94	ng		85
54) 2,4-Dinitrophenol	14.498	184	16035	88.37	ng		92
55) Dibenzofuran	14.739	168	77327	39.79	ng		95
56) 4-Nitrophenol	14.610	139	22469	79.25	ng		90
57) 2,4-Dinitrotoluene	14.739	165	19727	42.57	ng	#	80
58) Fluorene	15.392	166	63197	40.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	16004m	42.17	ng		
60) Diethylphthalate	15.174	149	67035	43.79	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	30705	41.31	ng	#	89
62) 4-Nitroaniline	15.445	138	13448	40.24	ng		93
63) Azobenzene	15.680	77	61124	43.27	ng		83
65) 4,6-Dinitro-2-methylph...	15.504	198	10825	38.68	ng	#	67
66) n-Nitrosodiphenylamine	15.610	169	53408	39.28	ng		98
67) 4-Bromophenyl-phenylether	16.280	248	17917	40.18	ng	#	88
68) Hexachlorobenzene	16.392	284	19805	39.85	ng	#	91
69) Atrazine	16.568	200	15879	37.54	ng		95
70) Pentachlorophenol	16.745	266	23702	89.16	ng		98
71) Phenanthrene	17.127	178	93946	39.69	ng		100
72) Anthracene	17.221	178	96942	41.35	ng		99
73) Carbazole	17.498	167	88298	39.25	ng		99
74) Di-n-butylphthalate	18.051	149	112660	44.05	ng		100
75) Fluoranthene	19.145	202	109145	41.97	ng		99
77) Benzidine	19.339	184	36234	27.08	ng		99
78) Pyrene	19.504	202	111964	37.54	ng		100
80) Butylbenzylphthalate	20.404	149	53520	41.68	ng	#	97
81) Benzo(a)anthracene	21.245	228	110863	39.34	ng		98
82) 3,3'-Dichlorobenzidine	21.186	252	31776	32.64	ng	#	99
83) Chrysene	21.298	228	109004	39.70	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	81749	44.24	ng	#	95
85) Di-n-octyl phthalate	22.027	149	143739	45.85	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.580	276	131403	43.06	ng	#	92
88) Benzo(b)fluoranthene	22.774	252	116338	40.72	ng	#	95
89) Benzo(k)fluoranthene	22.821	252	112239	41.36	ng	#	98
90) Benzo(a)pyrene	23.327	252	104786	40.20	ng	#	97
91) Dibenzo(a,h)anthracene	25.586	278	111675	42.10	ng	#	94
92) Benzo(g,h,i)perylene	26.238	276	108845	42.50	ng	#	93

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

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