Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029042.D
Acq On : 09 Mar 2021 12:38
Operator : CG/JU
Sample : PB135064BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135064BS

Manual Integrations APPROVED
mohammad
3/10/2021 11:52:50 AM

Quant Time: Mar 09 13:08:47 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	9182	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	34892	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	20340	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	40839	20.00	ng		0.00
76) Chrysene-d12	21.262	240	40295	20.00	ng		# 0.00
86) Perylene-d12	23.421	264	40194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	62628	113.06	ng		0.00
7) Phenol-d6	6.869	99	76088	103.99	ng		0.00
23) Nitrobenzene-d5	8.846	82	41495	64.16	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	25804	107.04	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	93600	61.26	ng		0.00
79) Terphenyl-d14	19.710	244	121602	55.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	8559	41.09	ng	#	54
3) Pyridine	3.505	79	21679	39.44	ng	#	32
4) n-Nitrosodimethylamine	3.422	42	15934	51.89	ng	#	42
6) Aniline	7.005	93	20784	26.56	ng		98
8) 2-Chlorophenol	7.240	128	25215	38.32	ng		97
9) Benzaldehyde	6.816	77	7039	17.65	ng	#	75
10) Phenol	6.893	94	28189	38.77	ng		96
11) bis(2-Chloroethyl)ether	7.110	93	21935	39.77	ng		94
12) 1,3-Dichlorobenzene	7.552	146	28111m	39.17	ng		
13) 1,4-Dichlorobenzene	7.704	146	28360	38.97	ng		96
14) 1,2-Dichlorobenzene	8.016	146	27430	39.17	ng		97
15) Benzyl Alcohol	7.934	79	20334	38.86	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.210	45	36778	43.30	ng		69
17) 2-Methylphenol	8.140	107	19404	39.30	ng		93
18) Hexachloroethane	8.728	117	10997	41.59	ng		90
19) n-Nitroso-di-n-propyla...	8.487	70	16711	38.83	ng	#	52
20) 3+4-Methylphenols	8.475	107	25921	39.02	ng		91
22) Acetophenone	8.504	105	35280	41.46	ng	#	81
24) Nitrobenzene	8.887	77	26294	39.99	ng	#	87
25) Isophorone	9.410	82	44428	39.04	ng		97
26) 2-Nitrophenol	9.593	139	12820	38.60	ng		92
27) 2,4-Dimethylphenol	9.663	122	21058	42.25	ng		93
28) bis(2-Chloroethoxy)met...	9.893	93	27073	41.87	ng		99
29) 2,4-Dichlorophenol	10.128	162	22167	38.87	ng		98
30) 1,2,4-Trichlorobenzene	10.328	180	24871	39.78	ng		96
31) Naphthalene	10.510	128	72928	37.91	ng		100
32) Benzoic acid	9.840	122	15093	42.25	ng	#	87
33) 4-Chloroaniline	10.645	127	18249	23.60	ng		93
34) Hexachlorobutadiene	10.781	225	14742	39.32	ng		97
35) Caprolactam	11.451	113	6216	39.85	ng	#	57
36) 4-Chloro-3-methylphenol	11.792	107	22906	39.86	ng		94
37) 2-Methylnaphthalene	12.134	142	51293	37.90	ng		97
38) 1-Methylnaphthalene	12.357	142	48704	37.99	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	24919	39.18	ng		99
41) Hexachlorocyclopentadiene	12.475	237	26290	108.45	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	16958	38.04	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	18129	37.89	ng		96
46) 1,1'-Biphenyl	13.163	154	63864	39.15	ng		99
47) 2-Chloronaphthalene	13.210	162	49677	37.31	ng		98
48) 2-Nitroaniline	13.433	65	14927	41.68	ng		94
49) Acenaphthylene	14.057	152	78285	38.28	ng		99
50) Dimethylphthalate	13.810	163	62236	40.38	ng		99
51) 2,6-Dinitrotoluene	13.939	165	13869	38.59	ng		93
52) Acenaphthene	14.404	154	46491	37.07	ng		97
53) 3-Nitroaniline	14.275	138	9610	27.44	ng		90
54) 2,4-Dinitrophenol	14.498	184	15180	82.58	ng		95
55) Dibenzofuran	14.739	168	74069	37.62	ng		96
56) 4-Nitrophenol	14.610	139	21314	74.20	ng		90
57) 2,4-Dinitrotoluene	14.739	165	18932	40.33	ng	#	81
58) Fluorene	15.392	166	60377	38.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	15005m	39.02	ng		
60) Diethylphthalate	15.175	149	64572	41.64	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	29839	39.62	ng		91
62) 4-Nitroaniline	15.445	138	12465	36.82	ng		96
63) Azobenzene	15.680	77	57447	40.14	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.504	198	10527	36.61	ng	#	66
66) n-Nitrosodiphenylamine	15.610	169	51608	36.94	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	17207	37.55	ng	#	90
68) Hexachlorobenzene	16.392	284	19116	37.43	ng	#	90
69) Atrazine	16.569	200	15445	35.53	ng		96
70) Pentachlorophenol	16.745	266	22408	82.04	ng		100
71) Phenanthrene	17.127	178	90087	37.04	ng		100
72) Anthracene	17.221	178	93700	38.89	ng		98
73) Carbazole	17.498	167	83459	36.11	ng		97
74) Di-n-butylphthalate	18.051	149	109606	41.71	ng		99
75) Fluoranthene	19.145	202	104023	38.92	ng		99
77) Benzidine	19.339	184	35099	26.43	ng		98
78) Pyrene	19.504	202	106295	35.91	ng		99
80) Butylbenzylphthalate	20.410	149	50414	39.56	ng		95
81) Benzo(a)anthracene	21.245	228	104862	37.50	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	27337	28.30	ng	#	97
83) Chrysene	21.298	228	102238	37.52	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	77864	42.46	ng	#	96
85) Di-n-octyl phthalate	22.027	149	134807	43.33	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.580	276	121206	39.96	ng	#	92
88) Benzo(b)fluoranthene	22.774	252	107042	37.70	ng	#	97
89) Benzo(k)fluoranthene	22.821	252	106912	39.64	ng	#	98
90) Benzo(a)pyrene	23.327	252	97304	37.56	ng	#	96
91) Dibenzo(a,h)anthracene	25.586	278	102586	38.92	ng	#	94
92) Benzo(g,h,i)perylene	26.239	276	99581	39.12	ng	#	92

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

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