Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029109.D
Acq On : 12 Mar 2021 13:43
Operator : CG/JU
Sample : PB135107BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135107BS

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:52 AM

Quant Time: Mar 12 14:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	8958	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	34170	20.00	ng	#	0.00
39) Acenaphthene-d10	14.292	164	18656	20.00	ng		0.00
64) Phenanthrene-d10	17.045	188	35039	20.00	ng		0.00
76) Chrysene-d12	21.221	240	33192	20.00	ng	#	0.00
86) Perylene-d12	23.362	264	31076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.198	112	66172	122.44	ng		0.00
7) Phenol-d6	6.822	99	79980	112.04	ng		0.00
23) Nitrobenzene-d5	8.798	82	43932	69.37	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	24223	109.55	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	94962	67.76	ng		0.00
79) Terphenyl-d14	19.674	244	110658	61.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.051	88	8739	43.01	ng	#	56
3) Pyridine	3.469	79	22386	41.74	ng	#	30
4) n-Nitrosodimethylamine	3.387	42	16746	55.89	ng	#	40
6) Aniline	6.963	93	23241	30.45	ng		97
8) 2-Chlorophenol	7.192	128	27120	42.25	ng		95
9) Benzaldehyde	6.775	77	7463	19.18	ng		81
10) Phenol	6.851	94	29880	42.12	ng		93
11) bis(2-Chloroethyl)ether	7.063	93	22731	42.24	ng		89
12) 1,3-Dichlorobenzene	7.504	146	30057	42.93	ng	#	94
13) 1,4-Dichlorobenzene	7.657	146	30551	43.03	ng		97
14) 1,2-Dichlorobenzene	7.969	146	29056	42.53	ng		96
15) Benzyl Alcohol	7.886	79	21390	41.90	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.163	45	39516	47.68	ng		68
17) 2-Methylphenol	8.092	107	20180	41.89	ng		93
18) Hexachloroethane	8.681	117	11875	46.03	ng		92
19) n-Nitroso-di-n-propyla...	8.445	70	17321	41.25	ng	#	53
20) 3+4-Methylphenols	8.428	107	27228	42.01	ng		93
22) Acetophenone	8.463	105	37267	44.72	ng	#	85
24) Nitrobenzene	8.839	77	26967	41.88	ng	#	85
25) Isophorone	9.363	82	45264	40.62	ng		97
26) 2-Nitrophenol	9.545	139	13860	42.61	ng		94
27) 2,4-Dimethylphenol	9.616	122	21065	43.16	ng		92
28) bis(2-Chloroethoxy)met...	9.845	93	27849	43.98	ng		97
29) 2,4-Dichlorophenol	10.080	162	23172	41.49	ng		95
30) 1,2,4-Trichlorobenzene	10.280	180	26244	42.86	ng		97
31) Naphthalene	10.463	128	76463	40.59	ng		99
32) Benzoic acid	9.810	122	14922	42.65	ng	#	90
33) 4-Chloroaniline	10.598	127	18335	24.22	ng		93
34) Hexachlorobutadiene	10.727	225	15948	43.44	ng		95
35) Caprolactam	11.404	113	5997	39.26	ng	#	60
36) 4-Chloro-3-methylphenol	11.745	107	22767	40.45	ng		96
37) 2-Methylnaphthalene	12.086	142	53047	40.02	ng		99
38) 1-Methylnaphthalene	12.310	142	49263	39.24	ng		98
40) 1,2,4,5-Tetrachloroben...	12.463	216	25928	44.45	ng		99
41) Hexachlorocyclopentadiene	12.421	237	23050	103.67	ng		96
43) 2,4,6-Trichlorophenol	12.721	196	16806	41.10	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	17833	40.64	ng		97
46) 1,1'-Biphenyl	13.121	154	63969	42.75	ng		98
47) 2-Chloronaphthalene	13.163	162	50925	41.69	ng		97
48) 2-Nitroaniline	13.392	65	14906	45.38	ng		93
49) Acenaphthylene	14.015	152	77600	41.37	ng		100
50) Dimethylphthalate	13.768	163	60011	42.45	ng		100
51) 2,6-Dinitrotoluene	13.904	165	12912	39.17	ng		96
52) Acenaphthene	14.363	154	46012	40.00	ng		98
53) 3-Nitroaniline	14.233	138	8942	27.84	ng		87
54) 2,4-Dinitrophenol	14.463	184	14270	84.63	ng		96
55) Dibenzofuran	14.698	168	72700	40.25	ng		98
56) 4-Nitrophenol	14.568	139	20330	77.17	ng	#	86
57) 2,4-Dinitrotoluene	14.704	165	17997	41.80	ng	#	90
58) Fluorene	15.351	166	58451	40.38	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.939	232	14238m	40.37	ng		
60) Diethylphthalate	15.133	149	60355	42.43	ng		96
61) 4-Chlorophenyl-phenyle...	15.345	204	29069	42.09	ng		92
62) 4-Nitroaniline	15.404	138	11805	38.02	ng		96
63) Azobenzene	15.639	77	54473	41.50	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.468	198	9468	38.37	ng	#	71
66) n-Nitrosodiphenylamine	15.568	169	48546	40.50	ng		100
67) 4-Bromophenyl-phenylether	16.239	248	16153	41.08	ng	#	88
68) Hexachlorobenzene	16.351	284	18106	41.33	ng		95
69) Atrazine	16.527	200	14222	38.14	ng		97
70) Pentachlorophenol	16.704	266	20214	86.25	ng		99
71) Phenanthrene	17.086	178	83675	40.10	ng		99
72) Anthracene	17.180	178	85737	41.48	ng		99
73) Carbazole	17.456	167	77193	38.93	ng		99
74) Di-n-butylphthalate	18.009	149	98784	43.81	ng		100
75) Fluoranthene	19.103	202	93719	40.87	ng		98
77) Benzidine	19.303	184	30786	28.15	ng		100
78) Pyrene	19.468	202	95609	39.21	ng		99
80) Butylbenzylphthalate	20.368	149	44570	42.46	ng		95
81) Benzo(a)anthracene	21.209	228	92829	40.30	ng		100
82) 3,3'-Dichlorobenzidine	21.150	252	25865	32.50	ng	#	97
83) Chrysene	21.262	228	90190	40.18	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	67714	44.83	ng	#	95
85) Di-n-octyl phthalate	21.986	149	117300	45.77	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.497	276	109617	46.74	ng	#	92
88) Benzo(b)fluoranthene	22.727	252	97725	44.52	ng	#	98
89) Benzo(k)fluoranthene	22.774	252	91007	43.64	ng	#	98
90) Benzo(a)pyrene	23.274	252	86007	42.94	ng	#	98
91) Dibenzo(a,h)anthracene	25.503	278	94061	46.15	ng	#	95
92) Benzo(g,h,i)perylene	26.156	276	91044	46.27	ng	#	93

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

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