Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
Data File : BM031804.D
Acq On : 18 Aug 2021 14:03
Operator : CG/JU
Sample : PB138299BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB138299BS

Manual Integrations APPROVED
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8/19/2021 1:28:07 PM

Quant Time: Aug 18 14:37:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	27946	20.000	ng		# 0.00
21) Naphthalene-d8	10.298	136	126988	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	92655	20.000	ng		0.00
64) Phenanthrene-d10	16.933	188	203407	20.000	ng		0.00
76) Chrysene-d12	21.133	240	191340	20.000	ng		0.00
86) Perylene-d12	23.280	264	168357	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	259777	149.195	ng		0.00
7) Phenol-d6	6.740	99	316462	125.430	ng		0.00
23) Nitrobenzene-d5	8.693	82	243170	80.179	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	141900	124.346	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	549055	78.873	ng		0.00
79) Terphenyl-d14	19.580	244	963508	84.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	33696	46.288	ng		96
3) Pyridine	3.563	79	69954	34.773	ng	#	81
4) n-Nitrosodimethylamine	3.481	42	63486	54.076	ng	#	85
6) Aniline	6.893	93	124825	45.247	ng		97
8) 2-Chlorophenol	7.116	128	92065	45.155	ng		93
9) Benzaldehyde	6.704	77	67351	37.610	ng		98
10) Phenol	6.763	94	115375	46.031	ng		83
11) bis(2-Chloroethyl)ether	6.987	93	77142	40.972	ng		92
12) 1,3-Dichlorobenzene	7.428	146	94877	43.505	ng	#	93
13) 1,4-Dichlorobenzene	7.575	146	98993	44.055	ng		96
14) 1,2-Dichlorobenzene	7.887	146	96021	43.503	ng		97
15) Benzyl Alcohol	7.793	79	92784	42.705	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.075	45	103424	38.443	ng		98
17) 2-Methylphenol	7.987	107	79454	44.829	ng	#	94
18) Hexachloroethane	8.593	117	42038	45.133	ng		91
19) n-Nitroso-di-n-propyla...	8.351	70	74254	37.271	ng		90
20) 3+4-Methylphenols	8.316	107	107493	43.147	ng		93
22) Acetophenone	8.363	105	150244	41.667	ng	#	90
24) Nitrobenzene	8.734	77	124752	40.191	ng		95
25) Isophorone	9.257	82	193906	35.646	ng		96
26) 2-Nitrophenol	9.434	139	50051	40.963	ng	#	77
27) 2,4-Dimethylphenol	9.504	122	90131	48.240	ng		91
28) bis(2-Chloroethoxy)met...	9.739	93	112620	43.027	ng		99
29) 2,4-Dichlorophenol	9.957	162	95093	44.796	ng		94
30) 1,2,4-Trichlorobenzene	10.169	180	99669	43.969	ng		98
31) Naphthalene	10.351	128	305795	42.060	ng		99
32) Benzoic acid	9.663	122	56237	33.618	ng		97
33) 4-Chloroaniline	10.475	127	104896	34.710	ng		95
34) Hexachlorobutadiene	10.628	225	63319	43.748	ng		96
35) Caprolactam	11.286	113	30109m	40.848	ng		
36) 4-Chloro-3-methylphenol	11.610	107	110537	41.994	ng		90
37) 2-Methylnaphthalene	11.969	142	231616	42.571	ng	#	94
38) 1-Methylnaphthalene	12.192	142	215619	41.494	ng		99
40) 1,2,4,5-Tetrachloroben...	12.345	216	114290	43.425	ng	#	96
41) Hexachlorocyclopentadiene	12.316	237	133284	101.227	ng		99
43) 2,4,6-Trichlorophenol	12.598	196	79300	40.875	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	85492	40.323	ng	#	89
46) 1,1'-Biphenyl	13.004	154	294191	40.348	ng		99
47) 2-Chloronaphthalene	13.045	162	234321	40.935	ng	#	92
48) 2-Nitroaniline	13.269	65	90436	42.571	ng		87
49) Acenaphthylene	13.898	152	392691	41.903	ng		99
50) Dimethylphthalate	13.657	163	307262	39.797	ng		99
51) 2,6-Dinitrotoluene	13.775	165	66951	39.049	ng	#	67
52) Acenaphthene	14.245	154	234598	41.092	ng		98
53) 3-Nitroaniline	14.104	138	58317	33.126	ng		92
54) 2,4-Dinitrophenol	14.322	184	63790	63.112	ng	#	76
55) Dibenzofuran	14.580	168	388296	40.702	ng		92
56) 4-Nitrophenol	14.433	139	122059	81.280	ng	#	70
57) 2,4-Dinitrotoluene	14.569	165	101485	41.099	ng	#	59
58) Fluorene	15.233	166	330823	41.772	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.816	232	78311	40.733	ng	#	84
60) Diethylphthalate	15.027	149	348877	41.111	ng		97
61) 4-Chlorophenyl-phenyle...	15.239	204	161322	42.199	ng	#	86
62) 4-Nitroaniline	15.280	138	71907	39.754	ng	#	79
63) Azobenzene	15.533	77	384557	40.937	ng		91
65) 4,6-Dinitro-2-methylph...	15.333	198	46133	33.176	ng	#	62
66) n-Nitrosodiphenylamine	15.457	169	281888	42.152	ng		98
67) 4-Bromophenyl-phenylether	16.133	248	90576	41.834	ng	#	90
68) Hexachlorobenzene	16.233	284	103151	43.553	ng	#	90
69) Atrazine	16.421	200	105341	44.263	ng		99
70) Pentachlorophenol	16.586	266	137965	86.725	ng		97
71) Phenanthrene	16.974	178	528780	42.625	ng		99
72) Anthracene	17.063	178	536211	44.090	ng		99
73) Carbazole	17.345	167	495907	40.703	ng		97
74) Di-n-butylphthalate	17.915	149	618309	40.745	ng	#	98
75) Fluoranthene	18.998	202	606191	40.796	ng		99
77) Benzidine	19.204	184	459410	80.796	ng		100
78) Pyrene	19.362	202	627120	45.242	ng		98
80) Butylbenzylphthalate	20.286	149	279549	42.079	ng		94
81) Benzo(a)anthracene	21.115	228	592538	42.278	ng		98
82) 3,3'-Dichlorobenzidine	21.062	252	175403	40.499	ng		99
83) Chrysene	21.168	228	578168	42.321	ng		98
84) Bis(2-ethylhexyl)phtha...	21.062	149	412851	40.214	ng	#	94
85) Di-n-octyl phthalate	21.921	149	652928	38.491	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.403	276	526388	44.367	ng		100
88) Benzo(b)fluoranthene	22.645	252	539074	42.646	ng		99
89) Benzo(k)fluoranthene	22.686	252	535144	43.862	ng		99
90) Benzo(a)pyrene	23.186	252	510085	45.577	ng		99
91) Dibenzo(a,h)anthracene	25.415	278	450433	43.168	ng		99
92) Benzo(g,h,i)perylene	26.050	276	439277	46.231	ng		99

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

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