Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006712.D
Acq On : 17 Aug 2021 11:40
Operator : CG/JU
Sample : PB138424BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 13:24:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB138424BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	171925	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	745019	20.000	ng	#	0.00
39) Acenaphthene-d10	14.346	164	417276	20.000	ng		0.00
64) Phenanthrene-d10	17.110	188	842040	20.000	ng	#	0.00
76) Chrysene-d12	21.216	240	846519	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	884053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1552203	138.671	ng		0.00
7) Phenol-d6	6.887	99	1940039	122.011	ng		0.00
23) Nitrobenzene-d5	8.864	82	1322245	81.919	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	590082	135.309	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2311955	82.894	ng		0.00
79) Terphenyl-d14	19.692	244	3572634	84.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	178803	36.691	ng		95
3) Pyridine	3.634	79	465070	32.470	ng		97
4) n-Nitrosodimethylamine	3.546	42	215983	39.952	ng	#	74
6) Aniline	7.040	93	645148	37.352	ng		95
8) 2-Chlorophenol	7.269	128	557536	46.035	ng		93
9) Benzaldehyde	6.852	77	357484	37.354	ng		92
10) Phenol	6.917	94	714970	44.843	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	529833	43.765	ng		90
12) 1,3-Dichlorobenzene	7.587	146	554713	43.946	ng		97
13) 1,4-Dichlorobenzene	7.734	146	568728	44.395	ng		97
14) 1,2-Dichlorobenzene	8.046	146	544244	44.274	ng		95
15) Benzyl Alcohol	7.952	79	527553	44.242	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.240	45	606099	42.071	ng		93
17) 2-Methylphenol	8.152	107	467260	46.412	ng		98
18) Hexachloroethane	8.769	117	232775	45.907	ng		91
19) n-Nitroso-di-n-propyla...	8.516	70	444694	41.686	ng		96
20) 3+4-Methylphenols	8.481	107	634949	46.335	ng		96
22) Acetophenone	8.528	105	851740	43.110	ng	#	98
24) Nitrobenzene	8.905	77	679212	40.481	ng		91
25) Isophorone	9.434	82	1150203	39.675	ng		95
26) 2-Nitrophenol	9.611	139	278416	45.596	ng		92
27) 2,4-Dimethylphenol	9.681	122	496675	48.574	ng		95
28) bis(2-Chloroethoxy)met...	9.916	93	698499	45.030	ng		98
29) 2,4-Dichlorophenol	10.140	162	462125	44.640	ng		94
30) 1,2,4-Trichlorobenzene	10.352	180	468458	42.113	ng		98
31) Naphthalene	10.540	128	1658405	41.426	ng		99
32) Benzoic acid	9.840	122	355358	44.924	ng		91
33) 4-Chloroaniline	10.658	127	280468	17.313	ng	#	94
34) Hexachlorobutadiene	10.822	225	276342	42.631	ng		99
35) Caprolactam	11.469	113	165811m	44.420	ng		
36) 4-Chloro-3-methylphenol	11.793	107	581352	44.200	ng		90
37) 2-Methylnaphthalene	12.157	142	1130668	41.680	ng		99
38) 1-Methylnaphthalene	12.375	142	1051123	40.774	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	479054	43.864	ng	#	94
41) Hexachlorocyclopentadiene	12.504	237	622532	107.475	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	339298	45.499	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	371079	44.955	ng	#	86
46) 1,1'-Biphenyl	13.181	154	1320371	41.805	ng		97
47) 2-Chloronaphthalene	13.216	162	1034076	42.516	ng		93
48) 2-Nitroaniline	13.434	65	384708	44.820	ng	#	84
49) Acenaphthylene	14.069	152	1717981	43.805	ng		100
50) Dimethylphthalate	13.822	163	1328627	43.742	ng		99
51) 2,6-Dinitrotoluene	13.940	165	285904	42.183	ng	#	76
52) Acenaphthene	14.416	154	994179	41.653	ng		98
53) 3-Nitroaniline	14.269	138	194938	25.944	ng		86
54) 2,4-Dinitrophenol	14.481	184	309854	87.421	ng	#	81
55) Dibenzofuran	14.751	168	1545819	41.174	ng		94
56) 4-Nitrophenol	14.593	139	617152	94.592	ng		89
57) 2,4-Dinitrotoluene	14.728	165	412344	45.364	ng	#	75
58) Fluorene	15.404	166	1274544	42.473	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	308848	44.647	ng	#	69
60) Diethylphthalate	15.193	149	1439755	45.129	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	581083	42.759	ng	#	89
62) 4-Nitroaniline	15.440	138	331724	41.605	ng		95
63) Azobenzene	15.698	77	1600336	43.025	ng		93
65) 4,6-Dinitro-2-methylph...	15.493	198	192629	37.440	ng	#	68
66) n-Nitrosodiphenylamine	15.622	169	1104990	41.750	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	349753	43.290	ng	#	85
68) Hexachlorobenzene	16.404	284	393005	42.745	ng	#	85
69) Atrazine	16.593	200	397720	48.157	ng		96
70) Pentachlorophenol	16.757	266	554975	95.137	ng		99
71) Phenanthrene	17.151	178	2002574	42.163	ng		99
72) Anthracene	17.240	178	2033202	44.302	ng		99
73) Carbazole	17.522	167	1943664	41.520	ng		98
74) Di-n-butylphthalate	18.087	149	2501566	46.904	ng		99
75) Fluoranthene	19.128	202	2304425	43.227	ng		95
77) Benzidine	19.322	184	1338597	63.193	ng		99
78) Pyrene	19.481	202	2392756	42.317	ng		99
80) Butylbenzylphthalate	20.375	149	1192525	47.963	ng		86
81) Benzo(a)anthracene	21.198	228	2348409	42.449	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	578447	39.828	ng	#	98
83) Chrysene	21.251	228	2294581	42.783	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1846755	49.426	ng	#	96
85) Di-n-octyl phthalate	22.045	149	3206508	52.067	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.927	276	2869680	44.767	ng	#	90
88) Benzo(b)fluoranthene	22.827	252	2481504	43.189	ng	#	96
89) Benzo(k)fluoranthene	22.875	252	2411443	43.713	ng	#	96
90) Benzo(a)pyrene	23.433	252	2399174	46.554	ng	#	95
91) Dibenzo(a,h)anthracene	25.945	278	2468759	44.543	ng	#	94
92) Benzo(g,h,i)perylene	26.663	276	2419504	45.555	ng	#	91

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

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