Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006773.D
Acq On : 19 Aug 2021 10:20
Operator : CG/JU
Sample : PB138504BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 11:08:34 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 :
PB138504BS

Manual Integrations APPROVED
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8/20/2021 2:24:20 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	151337	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	641525	20.000	ng		#-0.01
39) Acenaphthene-d10	14.340	164	362398	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	712831	20.000	ng		# 0.00
76) Chrysene-d12	21.210	240	677001	20.000	ng		# 0.00
86) Perylene-d12	23.516	264	707708	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1445164	146.672	ng		0.00
7) Phenol-d6	6.887	99	1783368	127.416	ng		0.00
23) Nitrobenzene-d5	8.858	82	1225403	88.167	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	538952	142.299	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2125861	87.764	ng		0.00
79) Terphenyl-d14	19.681	244	3096235	91.642	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	164717	38.399	ng		96
3) Pyridine	3.634	79	430121	34.115	ng		98
4) n-Nitrosodimethylamine	3.552	42	201064	42.252	ng	#	76
6) Aniline	7.034	93	713269	46.915	ng		94
8) 2-Chlorophenol	7.264	128	517713	48.562	ng		92
9) Benzaldehyde	6.846	77	386512	45.882	ng		92
10) Phenol	6.911	94	660444	47.058	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	489204	45.906	ng		93
12) 1,3-Dichlorobenzene	7.581	146	517964	46.617	ng		96
13) 1,4-Dichlorobenzene	7.734	146	531043	47.093	ng		98
14) 1,2-Dichlorobenzene	8.046	146	510424	47.172	ng		97
15) Benzyl Alcohol	7.946	79	497083	47.358	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.234	45	552488	43.567	ng		94
17) 2-Methylphenol	8.152	107	436847	49.294	ng		98
18) Hexachloroethane	8.763	117	222708	49.897	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	411695	43.843	ng		95
20) 3+4-Methylphenols	8.481	107	587703	48.722	ng		98
22) Acetophenone	8.522	105	800221	47.036	ng	#	98
24) Nitrobenzene	8.899	77	642659	44.482	ng		91
25) Isophorone	9.428	82	1064176	42.629	ng		95
26) 2-Nitrophenol	9.605	139	260721	49.586	ng		92
27) 2,4-Dimethylphenol	9.675	122	463869	52.684	ng		95
28) bis(2-Chloroethoxy)met...	9.910	93	645527	48.329	ng		98
29) 2,4-Dichlorophenol	10.134	162	432257	48.491	ng		93
30) 1,2,4-Trichlorobenzene	10.346	180	439122	45.844	ng		96
31) Naphthalene	10.534	128	1562689	45.332	ng		99
32) Benzoic acid	9.840	122	318552	46.768	ng		89
33) 4-Chloroaniline	10.652	127	493311	35.364	ng	#	94
34) Hexachlorobutadiene	10.810	225	262557	47.038	ng		98
35) Caprolactam	11.463	113	154224m	47.981	ng		
36) 4-Chloro-3-methylphenol	11.787	107	540387	47.714	ng		90
37) 2-Methylnaphthalene	12.146	142	1067171	45.685	ng		99
38) 1-Methylnaphthalene	12.369	142	982273	44.250	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	453275	47.789	ng	#	94
41) Hexachlorocyclopentadiene	12.493	237	607618	120.785	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	316059	48.801	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	349360	48.733	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1229053	44.807	ng		97
47) 2-Chloronaphthalene	13.210	162	964231	45.648	ng		94
48) 2-Nitroaniline	13.428	65	364998	48.963	ng	#	83
49) Acenaphthylene	14.057	152	1612033	47.328	ng		100
50) Dimethylphthalate	13.816	163	1228083	46.554	ng		99
51) 2,6-Dinitrotoluene	13.934	165	268679	45.644	ng	#	75
52) Acenaphthene	14.404	154	929985	44.863	ng		97
53) 3-Nitroaniline	14.263	138	253197	38.800	ng		81
54) 2,4-Dinitrophenol	14.475	184	286250	92.992	ng	#	75
55) Dibenzofuran	14.746	168	1445981	44.347	ng		93
56) 4-Nitrophenol	14.587	139	540533	95.394	ng	#	88
57) 2,4-Dinitrotoluene	14.722	165	380161	48.157	ng	#	74
58) Fluorene	15.393	166	1188014	45.585	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	281132	46.795	ng	#	67
60) Diethylphthalate	15.187	149	1327278	47.904	ng		98
61) 4-Chlorophenyl-phenyle...	15.393	204	543686	46.066	ng	#	85
62) 4-Nitroaniline	15.434	138	318443	45.987	ng		96
63) Azobenzene	15.687	77	1502145	46.501	ng		92
65) 4,6-Dinitro-2-methylph...	15.487	198	179144	41.130	ng	#	67
66) n-Nitrosodiphenylamine	15.616	169	1010694	45.109	ng		100
67) 4-Bromophenyl-phenylether	16.292	248	323376	47.280	ng	#	86
68) Hexachlorobenzene	16.398	284	360979	46.378	ng	#	87
69) Atrazine	16.581	200	364104	52.078	ng		94
70) Pentachlorophenol	16.751	266	496642	100.569	ng		99
71) Phenanthrene	17.140	178	1827115	45.442	ng		99
72) Anthracene	17.234	178	1853808	47.714	ng		100
73) Carbazole	17.510	167	1741986	43.957	ng		98
74) Di-n-butylphthalate	18.081	149	2269224	50.260	ng		99
75) Fluoranthene	19.122	202	2030883	45.001	ng		95
77) Benzidine	19.316	184	1519904	89.718	ng		99
78) Pyrene	19.475	202	2095255	46.335	ng		98
80) Butylbenzylphthalate	20.369	149	1027533	51.675	ng		88
81) Benzo(a)anthracene	21.192	228	1995877	45.110	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	610077	52.523	ng	#	97
83) Chrysene	21.245	228	1947751	45.409	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1541119	51.574	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2660115	54.010	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.910	276	2488548	48.494	ng	#	90
88) Benzo(b)fluoranthene	22.822	252	2074625	45.105	ng	#	97
89) Benzo(k)fluoranthene	22.869	252	2077107	47.035	ng	#	97
90) Benzo(a)pyrene	23.422	252	2048394	49.652	ng	#	96
91) Dibenzo(a,h)anthracene	25.927	278	2124090	47.874	ng	#	93
92) Benzo(g,h,i)perylene	26.645	276	2079625	48.912	ng	#	90

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

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