Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006793.D
Acq On : 20 Aug 2021 10:44
Operator : CG/JU
Sample : PB138456BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138456BS

Manual Integrations APPROVED
mohammad
8/23/2021 12:27:43 PM

Quant Time: Aug 20 11:27:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	151666	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	652647	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	371716	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	728368	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	702296	20.000	ng	#	0.00
86) Perylene-d12	23.515	264	731321	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1441364	145.969	ng		0.00
7) Phenol-d6	6.887	99	1783481	127.148	ng		0.00
23) Nitrobenzene-d5	8.857	82	1217730	86.122	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	560205	144.203	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2171174	87.388	ng		0.00
79) Terphenyl-d14	19.680	244	3212626	91.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	164418	38.246	ng		96
3) Pyridine	3.634	79	420530	33.282	ng		98
4) n-Nitrosodimethylamine	3.546	42	196824	41.272	ng	#	81
6) Aniline	7.034	93	711632	46.705	ng		96
8) 2-Chlorophenol	7.263	128	524567	49.098	ng		93
9) Benzaldehyde	6.846	77	384720	45.570	ng		93
10) Phenol	6.910	94	658374	46.809	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	489523	45.836	ng		93
12) 1,3-Dichlorobenzene	7.581	146	521568	46.840	ng		96
13) 1,4-Dichlorobenzene	7.728	146	534141	47.265	ng		98
14) 1,2-Dichlorobenzene	8.040	146	511726	47.189	ng		95
15) Benzyl Alcohol	7.946	79	495368	47.092	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	546520	43.003	ng		95
17) 2-Methylphenol	8.146	107	435802	49.069	ng		98
18) Hexachloroethane	8.757	117	218455	48.838	ng		89
19) n-Nitroso-di-n-propyla...	8.510	70	413661	43.957	ng		93
20) 3+4-Methylphenols	8.475	107	586696	48.533	ng		97
22) Acetophenone	8.522	105	806921	46.622	ng	#	98
24) Nitrobenzene	8.899	77	638568	43.445	ng		92
25) Isophorone	9.428	82	1077020	42.408	ng		96
26) 2-Nitrophenol	9.604	139	262419	49.059	ng		93
27) 2,4-Dimethylphenol	9.675	122	470129	52.485	ng		96
28) bis(2-Chloroethoxy)met...	9.910	93	657079	48.356	ng		98
29) 2,4-Dichlorophenol	10.134	162	436920	48.179	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	446570	45.827	ng		97
31) Naphthalene	10.528	128	1578376	45.007	ng		99
32) Benzoic acid	9.840	122	336549	48.568	ng		92
33) 4-Chloroaniline	10.651	127	495523	34.917	ng	#	95
34) Hexachlorobutadiene	10.810	225	265566	46.767	ng		99
35) Caprolactam	11.463	113	156456m	47.846	ng		
36) 4-Chloro-3-methylphenol	11.787	107	549026	47.650	ng		90
37) 2-Methylnaphthalene	12.145	142	1074676	45.223	ng		99
38) 1-Methylnaphthalene	12.369	142	996567	44.129	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	460650	47.349	ng	#	94
41) Hexachlorocyclopentadiene	12.493	237	614570	119.104	ng		97
43) 2,4,6-Trichlorophenol	12.769	196	323802	48.743	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	350876	47.717	ng	#	87
46) 1,1'-Biphenyl	13.169	154	1260825	44.813	ng		97
47) 2-Chloronaphthalene	13.210	162	977355	45.109	ng		95
48) 2-Nitroaniline	13.428	65	368428	48.184	ng	#	85
49) Acenaphthylene	14.057	152	1634788	46.793	ng		100
50) Dimethylphthalate	13.816	163	1271971	47.009	ng		99
51) 2,6-Dinitrotoluene	13.934	165	274335	45.437	ng	#	76
52) Acenaphthene	14.404	154	942288	44.317	ng		98
53) 3-Nitroaniline	14.263	138	262448	39.209	ng		83
54) 2,4-Dinitrophenol	14.469	184	300982	95.326	ng	#	75
55) Dibenzofuran	14.739	168	1466419	43.847	ng		92
56) 4-Nitrophenol	14.587	139	548217	94.325	ng		89
57) 2,4-Dinitrotoluene	14.722	165	389999	48.165	ng	#	77
58) Fluorene	15.392	166	1204274	45.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	291240	47.262	ng	#	68
60) Diethylphthalate	15.186	149	1381624	48.615	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	556078	45.935	ng	#	89
62) 4-Nitroaniline	15.434	138	326469	45.964	ng		96
63) Azobenzene	15.686	77	1536753	46.380	ng		92
65) 4,6-Dinitro-2-methylph...	15.486	198	186422	41.888	ng		71
66) n-Nitrosodiphenylamine	15.616	169	1049566	45.845	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	332008	47.507	ng	#	86
68) Hexachlorobenzene	16.398	284	370352	46.568	ng	#	86
69) Atrazine	16.581	200	373546	52.289	ng		95
70) Pentachlorophenol	16.745	266	503132	99.710	ng		98
71) Phenanthrene	17.139	178	1873793	45.609	ng		99
72) Anthracene	17.233	178	1913818	48.208	ng		100
73) Carbazole	17.510	167	1784088	44.059	ng		98
74) Di-n-butylphthalate	18.075	149	2367002	51.307	ng		99
75) Fluoranthene	19.122	202	2107035	45.693	ng		95
77) Benzidine	19.316	184	1585266	90.206	ng		99
78) Pyrene	19.474	202	2176089	46.389	ng		99
80) Butylbenzylphthalate	20.369	149	1080845	52.398	ng		90
81) Benzo(a)anthracene	21.192	228	2082907	45.382	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	653338	54.222	ng	#	97
83) Chrysene	21.245	228	2031260	45.651	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1636856	52.805	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2825155	55.295	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.909	276	2564106	48.353	ng	#	90
88) Benzo(b)fluoranthene	22.815	252	2205233	46.396	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	2112034	46.281	ng	#	96
90) Benzo(a)pyrene	23.415	252	2108629	49.461	ng	#	95
91) Dibenzo(a,h)anthracene	25.921	278	2190203	47.770	ng	#	93
92) Benzo(g,h,i)perylene	26.639	276	2141214	48.735	ng	#	91

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

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