Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
Data File : BP008157.D
Acq On : 30 Nov 2021 14:17
Operator : CG/JU
Sample : PB141065BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 14:48:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141065BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	130198	20.000	ng		-0.01
21) Naphthalene-d8	10.604	136	488926	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	298182	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	566513	20.000	ng		0.00
76) Chrysene-d12	21.310	240	460078	20.000	ng		0.00
86) Perylene-d12	23.704	264	410735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	945281	116.898	ng		0.00
7) Phenol-d6	6.993	99	1184431	108.504	ng		0.00
23) Nitrobenzene-d5	8.969	82	817511	76.034	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	430250	112.889	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	1633305	79.563	ng		0.00
79) Terphenyl-d14	19.780	244	2089222	94.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	109785	29.101	ng		98
3) Pyridine	3.705	79	289398	28.741	ng		99
4) n-Nitrosodimethylamine	3.611	42	176042	41.917	ng		99
6) Aniline	7.134	93	522513	40.835	ng		97
8) 2-Chlorophenol	7.375	128	359767	43.462	ng		98
9) Benzaldehyde	6.946	77	225839	37.018	ng		99
10) Phenol	7.016	94	480918	42.872	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	369436	41.204	ng		99
12) 1,3-Dichlorobenzene	7.693	146	392848	41.115	ng		100
13) 1,4-Dichlorobenzene	7.840	146	399602	41.250	ng		97
14) 1,2-Dichlorobenzene	8.157	146	382005	39.651	ng		98
15) Benzyl Alcohol	8.052	79	382055	44.174	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	549483	40.616	ng		99
17) 2-Methylphenol	8.263	107	311714	42.713	ng		98
18) Hexachloroethane	8.881	117	151910	42.173	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	290974	38.522	ng		99
20) 3+4-Methylphenols	8.593	107	417459	41.448	ng		97
22) Acetophenone	8.634	105	539758	40.360	ng	#	98
24) Nitrobenzene	9.010	77	445306	42.707	ng		97
25) Isophorone	9.540	82	764202	40.626	ng		99
26) 2-Nitrophenol	9.722	139	198064	44.026	ng		97
27) 2,4-Dimethylphenol	9.793	122	317128	47.135	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	466076	38.877	ng		98
29) 2,4-Dichlorophenol	10.263	162	347377	43.230	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	389783	41.792	ng		98
31) Naphthalene	10.651	128	1024319	40.897	ng		99
32) Benzoic acid	9.981	122	222849	40.491	ng		97
33) 4-Chloroaniline	10.769	127	259033	24.929	ng		98
34) Hexachlorobutadiene	10.940	225	272073	42.626	ng		99
35) Caprolactam	11.581	113	101430m	56.824	ng		
36) 4-Chloro-3-methylphenol	11.910	107	375788	40.909	ng		96
37) 2-Methylnaphthalene	12.269	142	725525	40.957	ng		97
38) 1-Methylnaphthalene	12.487	142	672474	39.000	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	434157	44.823	ng		99
41) Hexachlorocyclopentadiene	12.622	237	502782	135.015	ng		100
43) 2,4,6-Trichlorophenol	12.887	196	284656	43.376	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	306188	43.542	ng	99
46) 1,1'-Biphenyl	13.287	154	899492	41.577	ng	98
47) 2-Chloronaphthalene	13.328	162	723174	42.328	ng	99
48) 2-Nitroaniline	13.534	65	255497	43.396	ng	96
49) Acenaphthylene	14.175	152	1112627	42.213	ng	100
50) Dimethylphthalate	13.916	163	902907	40.324	ng	100
51) 2,6-Dinitrotoluene	14.034	165	201212	43.299	ng	99
52) Acenaphthene	14.516	154	652209	41.521	ng	99
53) 3-Nitroaniline	14.363	138	128397	27.264	ng	96
54) 2,4-Dinitrophenol	14.581	184	234527	85.358	ng	91
55) Dibenzofuran	14.851	168	1059262	39.462	ng	98
56) 4-Nitrophenol	14.692	139	289898	80.311	ng	88
57) 2,4-Dinitrotoluene	14.828	165	271613	42.590	ng	100
58) Fluorene	15.504	166	807746	37.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	255269m	40.823	ng	
60) Diethylphthalate	15.286	149	873385	39.306	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	442536	36.994	ng	98
62) 4-Nitroaniline	15.533	138	179243	36.679	ng	96
63) Azobenzene	15.792	77	889658	39.143	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	149970	40.473	ng	97
66) n-Nitrosodiphenylamine	15.716	169	727053	44.305	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	280608	44.544	ng	97
68) Hexachlorobenzene	16.516	284	311793	46.302	ng	98
69) Atrazine	16.680	200	282458	66.321	ng	98
70) Pentachlorophenol	16.869	266	364338	90.990	ng	96
71) Phenanthrene	17.257	178	1261984	42.192	ng	100
72) Anthracene	17.345	178	1295391	43.640	ng	99
73) Carbazole	17.622	167	1123812	38.783	ng	100
74) Di-n-butylphthalate	18.175	149	1387025	38.238	ng	99
75) Fluoranthene	19.227	202	1438526	35.701	ng	99
77) Benzidine	19.410	184	695767	110.247	ng	98
78) Pyrene	19.580	202	1453107	50.459	ng	100
80) Butylbenzylphthalate	20.457	149	574342	43.839	ng	99
81) Benzo(a)anthracene	21.298	228	1272702	41.739	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	375329	26.126	ng	99
83) Chrysene	21.351	228	1236560	42.617	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	783490	39.388	ng	99
85) Di-n-octyl phthalate	22.145	149	1296801	38.377	ng	100
87) Indeno(1,2,3-cd)pyrene	26.203	276	1153670	38.608	ng	98
88) Benzo(b)fluoranthene	22.974	252	1127317	45.528	ng	99
89) Benzo(k)fluoranthene	23.027	252	1134551	46.802	ng	98
90) Benzo(a)pyrene	23.604	252	1078179	50.947	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	983152	39.617	ng	98
92) Benzo(g,h,i)perylene	26.968	276	972053	38.826	ng	97

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

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