Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006217.D
Acq On : 14 Jul 2021 14:16
Operator : CG/JU
Sample : PB137674BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137674BS

Manual Integrations APPROVED
mohammad
7/15/2021 11:33:14 AM

Quant Time: Jul 14 15:05:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	156177	20.000	ng		-0.01
21) Naphthalene-d8	10.651	136	631186	20.000	ng		#-0.01
39) Acenaphthene-d10	14.487	164	360685	20.000	ng		-0.01
64) Phenanthrene-d10	17.239	188	596827	20.000	ng		#-0.01
76) Chrysene-d12	21.316	240	552023	20.000	ng		#-0.01
86) Perylene-d12	23.698	264	621656	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1304129	143.679	ng		-0.01
7) Phenol-d6	7.040	99	1618130	134.777	ng		0.00
23) Nitrobenzene-d5	9.022	82	761936	76.250	ng		-0.01
42) 2,4,6-Tribromophenol	15.986	330	471798	109.869	ng		-0.01
45) 2-Fluorobiphenyl	13.110	172	1798318	73.708	ng		-0.01
79) Terphenyl-d14	19.792	244	1933287	69.050	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	171752	48.227	ng		93
3) Pyridine	3.705	79	401559	44.376	ng	#	87
4) n-Nitrosodimethylamine	3.616	42	181466	50.985	ng	#	86
6) Aniline	7.181	93	542252	42.806	ng		99
8) 2-Chlorophenol	7.422	128	553488	52.066	ng		98
9) Benzaldehyde	6.999	77	266102m	40.610	ng		
10) Phenol	7.069	94	619026	53.685	ng		92
11) bis(2-Chloroethyl)ether	7.281	93	449592	51.600	ng		99
12) 1,3-Dichlorobenzene	7.734	146	561555	49.300	ng		96
13) 1,4-Dichlorobenzene	7.887	146	575236	49.448	ng		98
14) 1,2-Dichlorobenzene	8.199	146	548306	49.509	ng		100
15) Benzyl Alcohol	8.104	79	412779	56.870	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	522415	50.484	ng		90
17) 2-Methylphenol	8.316	107	422089	53.810	ng		94
18) Hexachloroethane	8.922	117	196677	50.785	ng		93
19) n-Nitroso-di-n-propyla...	8.663	70	326175	49.833	ng		96
20) 3+4-Methylphenols	8.646	107	561002	52.937	ng		92
22) Acetophenone	8.681	105	707817	49.270	ng		98
24) Nitrobenzene	9.063	77	483407	47.833	ng		92
25) Isophorone	9.593	82	871594	45.947	ng		97
26) 2-Nitrophenol	9.775	139	283590	50.477	ng	#	85
27) 2,4-Dimethylphenol	9.846	122	480075	57.887	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	565099	53.754	ng		100
29) 2,4-Dichlorophenol	10.328	162	463962	50.916	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	467039	48.139	ng		97
31) Naphthalene	10.698	128	1554304	47.237	ng		100
32) Benzoic acid	10.051	122	283241	45.407	ng		92
33) 4-Chloroaniline	10.834	127	374928	29.518	ng		98
34) Hexachlorobutadiene	10.975	225	244262	45.726	ng		99
35) Caprolactam	11.645	113	147225m	51.253	ng		
36) 4-Chloro-3-methylphenol	11.969	107	486970	49.489	ng		99
37) 2-Methylnaphthalene	12.316	142	1087190	47.622	ng		96
38) 1-Methylnaphthalene	12.534	142	1010522	46.771	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	440597	49.245	ng		97
41) Hexachlorocyclopentadiene	12.651	237	195849	82.799	ng		97
43) 2,4,6-Trichlorophenol	12.940	196	314833	48.638	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	330667	47.614	ng	#	95
46) 1,1'-Biphenyl	13.322	154	1286448	47.508	ng		99
47) 2-Chloronaphthalene	13.369	162	1004986	48.243	ng		98
48) 2-Nitroaniline	13.587	65	271885	52.523	ng		90
49) Acenaphthylene	14.210	152	1632069	48.655	ng		99
50) Dimethylphthalate	13.951	163	1252049	48.274	ng		99
51) 2,6-Dinitrotoluene	14.081	165	277450	47.448	ng		93
52) Acenaphthene	14.551	154	955042	46.806	ng		98
53) 3-Nitroaniline	14.416	138	203769	34.396	ng		93
54) 2,4-Dinitrophenol	14.645	184	266639	86.048	ng		99
55) Dibenzofuran	14.887	168	1480557	46.612	ng		98
56) 4-Nitrophenol	14.763	139	377449	82.439	ng	#	83
57) 2,4-Dinitrotoluene	14.881	165	385657	48.970	ng	#	95
58) Fluorene	15.539	166	1108398	43.435	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	250356	46.072	ng	#	75
60) Diethylphthalate	15.310	149	1199097	45.081	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	486230	43.464	ng		91
62) 4-Nitroaniline	15.586	138	243843	40.766	ng	#	84
63) Azobenzene	15.822	77	979891	44.128	ng		98
65) 4,6-Dinitro-2-methylph...	15.651	198	157788	41.184	ng		86
66) n-Nitrosodiphenylamine	15.745	169	939880	48.364	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	276484	46.993	ng	#	87
68) Hexachlorobenzene	16.545	284	328040	46.972	ng	#	93
69) Atrazine	16.704	200	309979	50.807	ng		92
70) Pentachlorophenol	16.904	266	326039	101.153	ng		99
71) Phenanthrene	17.280	178	1603981	47.588	ng		99
72) Anthracene	17.375	178	1652882	50.056	ng		99
73) Carbazole	17.651	167	1540349	47.075	ng		99
74) Di-n-butylphthalate	18.186	149	2001760	50.824	ng		99
75) Fluoranthene	19.245	202	1715085	46.426	ng		95
77) Benzidine	19.433	184	908518	55.503	ng		99
78) Pyrene	19.598	202	1763743	47.271	ng		99
80) Butylbenzylphthalate	20.463	149	913104	49.337	ng		94
81) Benzo(a)anthracene	21.304	228	1623033	46.487	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	493493	48.183	ng	#	97
83) Chrysene	21.357	228	1613463	46.762	ng		100
84) Bis(2-ethylhexyl)phtha...	21.216	149	1386942	50.772	ng	#	99
85) Di-n-octyl phthalate	22.121	149	2443022	50.778	ng		98
87) Indeno(1,2,3-cd)pyrene	26.209	276	2327747	50.788	ng	#	88
88) Benzo(b)fluoranthene	22.968	252	1854136	49.169	ng	#	96
89) Benzo(k)fluoranthene	23.015	252	1864406	50.583	ng	#	96
90) Benzo(a)pyrene	23.592	252	1830987	51.742	ng	#	95
91) Dibenzo(a,h)anthracene	26.209	278	1999513	50.665	ng	#	92
92) Benzo(g,h,i)perylene	26.974	276	1975436	50.861	ng	#	90

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

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