Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
Data File : BP009194.D
Acq On : 17 Feb 2022 14:25
Operator : CG/JU
Sample : PB142728BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142728BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

Quant Time: Feb 18 01:50:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	234631	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	826038	20.000	ng		-0.01
39) Acenaphthene-d10	14.422	164	453329	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	817792	20.000	ng		0.00
76) Chrysene-d12	21.280	240	762035	20.000	ng		0.00
86) Perylene-d12	23.668	264	864981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1511839	114.939	ng		0.00
7) Phenol-d6	6.969	99	1747150	100.806	ng		0.00
23) Nitrobenzene-d5	8.939	82	1079148	73.674	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	669701	110.644	ng		-0.01
45) 2-Fluorobiphenyl	13.039	172	2668863	82.415	ng		-0.01
79) Terphenyl-d14	19.745	244	3191074	75.306	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	150131	34.657	ng		99
3) Pyridine	3.681	79	339369	26.818	ng		96
4) n-Nitrosodimethylamine	3.593	42	183394	37.830	ng	#	99
6) Aniline	7.110	93	616918	31.359	ng		100
8) 2-Chlorophenol	7.345	128	599955	40.416	ng		98
9) Benzaldehyde	6.922	77	285375m	32.506	ng		
10) Phenol	6.998	94	667765	38.320	ng		96
11) bis(2-Chloroethyl)ether	7.204	93	540336	39.934	ng		98
12) 1,3-Dichlorobenzene	7.663	146	691946	40.304	ng		99
13) 1,4-Dichlorobenzene	7.810	146	709023	40.456	ng		100
14) 1,2-Dichlorobenzene	8.128	146	670577	39.481	ng		98
15) Benzyl Alcohol	8.034	79	428503m	38.838	ng		
16) 2,2'-oxybis(1-Chloropr...	8.310	45	574453	37.667	ng		98
17) 2-Methylphenol	8.245	107	440382	37.696	ng		98
18) Hexachloroethane	8.845	117	238039	41.001	ng		93
19) n-Nitroso-di-n-propyla...	8.587	70	365711	36.853	ng		98
20) 3+4-Methylphenols	8.575	107	576089	36.031	ng		97
22) Acetophenone	8.604	105	797994	41.325	ng	#	95
24) Nitrobenzene	8.987	77	561888	40.579	ng		98
25) Isophorone	9.510	82	936008	38.460	ng		99
26) 2-Nitrophenol	9.698	139	303446	42.371	ng		96
27) 2,4-Dimethylphenol	9.769	122	469226	43.818	ng		98
28) bis(2-Chloroethoxy)met...	9.986	93	626684	37.937	ng		99
29) 2,4-Dichlorophenol	10.257	162	528553	39.500	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	657893	41.815	ng		98
31) Naphthalene	10.622	128	1672569	39.699	ng		100
32) Benzoic acid	9.981	122	264381	32.718	ng		98
33) 4-Chloroaniline	10.763	127	342089	20.109	ng		99
34) Hexachlorobutadiene	10.904	225	428936	44.318	ng		99
35) Caprolactam	11.563	113	121857	31.057	ng		89
36) 4-Chloro-3-methylphenol	11.898	107	439561	34.437	ng		100
37) 2-Methylnaphthalene	12.239	142	1174333	39.389	ng		99
38) 1-Methylnaphthalene	12.457	142	1065174	36.563	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	705699	48.907	ng		99
41) Hexachlorocyclopentadiene	12.580	237	430222	79.742	ng		100
43) 2,4,6-Trichlorophenol	12.869	196	399187	41.717	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	415600	40.502	ng		98
46) 1,1'-Biphenyl	13.251	154	1481299	44.474	ng		98
47) 2-Chloronaphthalene	13.298	162	1140498	43.092	ng		98
48) 2-Nitroaniline	13.516	65	236013	38.485	ng		94
49) Acenaphthylene	14.139	152	1654969	41.476	ng		99
50) Dimethylphthalate	13.886	163	1255551	38.855	ng		100
51) 2,6-Dinitrotoluene	14.010	165	274402	40.716	ng		97
52) Acenaphthene	14.486	154	969132	39.918	ng		98
53) 3-Nitroaniline	14.351	138	157799	22.892	ng		98
54) 2,4-Dinitrophenol	14.580	184	265146	63.520	ng		96
55) Dibenzofuran	14.822	168	1602754	39.185	ng		98
56) 4-Nitrophenol	14.710	139	301745	56.147	ng		96
57) 2,4-Dinitrotoluene	14.816	165	361691	41.095	ng	#	78
58) Fluorene	15.474	166	1233673	39.259	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	334209m	37.217	ng		
60) Diethylphthalate	15.251	149	1156082	37.837	ng		98
61) 4-Chlorophenyl-phenyle...	15.469	204	671289	39.317	ng		99
62) 4-Nitroaniline	15.522	138	227529m	32.828	ng		
63) Azobenzene	15.763	77	973280	36.816	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	173768	34.624	ng		97
66) n-Nitrosodiphenylamine	15.686	169	1032710	41.639	ng		99
67) 4-Bromophenyl-phenylether	16.363	248	407392	42.988	ng		99
68) Hexachlorobenzene	16.486	284	467170	44.008	ng		98
69) Atrazine	16.651	200	354942	43.159	ng		98
70) Pentachlorophenol	16.851	266	432887	77.446	ng		97
71) Phenanthrene	17.221	178	1775934	40.106	ng		99
72) Anthracene	17.316	178	1811429	41.812	ng		99
73) Carbazole	17.598	167	1538215	37.041	ng		100
74) Di-n-butylphthalate	18.139	149	1815742	43.153	ng		99
75) Fluoranthene	19.198	202	2036154	41.027	ng		96
77) Benzidine	19.386	184	927556	58.251	ng		99
78) Pyrene	19.551	202	2071733	38.218	ng		98
80) Butylbenzylphthalate	20.421	149	785230	42.127	ng		99
81) Benzo(a)anthracene	21.262	228	2004032	40.809	ng		98
82) 3,3'-Dichlorobenzidine	21.198	252	660696	38.804	ng		98
83) Chrysene	21.315	228	1939733	40.974	ng		98
84) Bis(2-ethylhexyl)phtha...	21.180	149	1149858	46.636	ng		97
85) Di-n-octyl phthalate	22.092	149	1964363	49.806	ng		100
87) Indeno(1,2,3-cd)pyrene	26.162	276	3103425	48.287	ng		97
88) Benzo(b)fluoranthene	22.939	252	2255353	42.354	ng		99
89) Benzo(k)fluoranthene	22.986	252	2198613	41.385	ng		98
90) Benzo(a)pyrene	23.562	252	2286295	51.498	ng		99
91) Dibenzo(a,h)anthracene	26.174	278	2633635	49.864	ng		98
92) Benzo(g,h,i)perylene	26.921	276	2645020	50.298	ng		98

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

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