Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
Data File : BP010644.D
Acq On : 01 Jun 2022 10:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/02/2022
Supervised By :Jagrut Upadhyay 06/02/2022

Quant Time: Jun 02 05:00:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	140627	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	588513	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	409695	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	900142	20.000	ng		0.00
76) Chrysene-d12	21.345	240	863315	20.000	ng		0.00
86) Perylene-d12	23.757	264	801436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	621434	80.617	ng		0.00
7) Phenol-d6	7.040	99	919227	83.998	ng		0.00
23) Nitrobenzene-d5	9.028	82	982729	78.948	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	419482	90.453	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2204905	76.381	ng		0.00
79) Terphenyl-d14	19.816	244	3670124	79.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	112227	34.283	ng		99
3) Pyridine	3.752	79	351527	38.345	ng		97
4) n-Nitrosodimethylamine	3.664	42	195144	34.911	ng		89
6) Aniline	7.193	93	544999	42.330	ng		98
8) 2-Chlorophenol	7.434	128	359787	41.354	ng		99
9) Benzaldehyde	7.005	77	249701m	34.673	ng		
10) Phenol	7.063	94	469811	41.515	ng		97
11) bis(2-Chloroethyl)ether	7.287	93	365149	40.712	ng		99
12) 1,3-Dichlorobenzene	7.752	146	399458	39.618	ng		95
13) 1,4-Dichlorobenzene	7.899	146	410454	39.728	ng		99
14) 1,2-Dichlorobenzene	8.216	146	390668	39.499	ng		99
15) Benzyl Alcohol	8.110	79	377873	43.074	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	633050	37.752	ng		97
17) 2-Methylphenol	8.316	107	325950	42.917	ng		98
18) Hexachloroethane	8.940	117	155378	38.879	ng		95
19) n-Nitroso-di-n-propyla...	8.675	70	339893	42.583	ng		95
20) 3+4-Methylphenols	8.646	107	456169	43.694	ng		97
22) Acetophenone	8.687	105	613883	39.998	ng	#	97
24) Nitrobenzene	9.069	77	493971	39.279	ng		96
25) Isophorone	9.598	82	888667	42.735	ng		98
26) 2-Nitrophenol	9.781	139	217496	44.376	ng		95
27) 2,4-Dimethylphenol	9.846	122	310256	42.590	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	467197	40.670	ng		97
29) 2,4-Dichlorophenol	10.316	162	373597	42.660	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	406305	39.441	ng		97
31) Naphthalene	10.716	128	1235535	39.852	ng		100
32) Benzoic acid	10.010	122	229787	40.983	ng		98
33) 4-Chloroaniline	10.828	127	522772	43.650	ng		99
34) Hexachlorobutadiene	11.004	225	265511	38.176	ng		97
35) Caprolactam	11.628	113	137212	54.280	ng	#	88
36) 4-Chloro-3-methylphenol	11.963	107	452074	45.307	ng		99
37) 2-Methylnaphthalene	12.322	142	896403	41.437	ng		99
38) 1-Methylnaphthalene	12.545	142	877906	41.555	ng		98
40) 1,2,4,5-Tetrachloroben...	12.692	216	478194	37.520	ng		99
41) Hexachlorocyclopentadiene	12.675	237	282916	41.700	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	331899	41.714	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	366617	40.738	ng	98
46) 1,1'-Biphenyl	13.334	154	1170151	38.293	ng	99
47) 2-Chloronaphthalene	13.375	162	919817	38.295	ng	99
48) 2-Nitroaniline	13.581	65	353617	42.477	ng	96
49) Acenaphthylene	14.222	152	1492912	40.465	ng	99
50) Dimethylphthalate	13.963	163	1236348	41.923	ng	100
51) 2,6-Dinitrotoluene	14.081	165	274282	43.735	ng	95
52) Acenaphthene	14.563	154	893484	39.446	ng	98
53) 3-Nitroaniline	14.410	138	289413	47.118	ng	100
54) 2,4-Dinitrophenol	14.622	184	162750	45.205	ng	97
55) Dibenzofuran	14.898	168	1455312	40.630	ng	98
56) 4-Nitrophenol	14.728	139	217084	43.717	ng	96
57) 2,4-Dinitrotoluene	14.869	165	383580	46.987	ng	94
58) Fluorene	15.551	166	1214976	41.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	338104	43.826	ng	99
60) Diethylphthalate	15.322	149	1291716	44.000	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	607016	41.242	ng	96
62) 4-Nitroaniline	15.575	138	310062	47.455	ng	94
63) Azobenzene	15.839	77	1280441	41.298	ng	96
65) 4,6-Dinitro-2-methylph...	15.639	198	235141	41.793	ng	95
66) n-Nitrosodiphenylamine	15.757	169	1042767	38.473	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	376808	38.480	ng	99
68) Hexachlorobenzene	16.563	284	420704	38.895	ng	95
69) Atrazine	16.716	200	383602	43.635	ng	98
70) Pentachlorophenol	16.910	266	254832	41.042	ng	100
71) Phenanthrene	17.298	178	1944930	39.400	ng	100
72) Anthracene	17.386	178	1925771	40.741	ng	99
73) Carbazole	17.663	167	1760035	43.811	ng	99
74) Di-n-butylphthalate	18.210	149	2292832	44.894	ng	99
75) Fluoranthene	19.263	202	2324523	43.355	ng	98
77) Benzidine	19.445	184	822285	49.584	ng	98
78) Pyrene	19.616	202	2389115	39.710	ng	99
80) Butylbenzylphthalate	20.486	149	1081009	45.621	ng	97
81) Benzo(a)anthracene	21.327	228	2278844	40.231	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	672060	43.262	ng	100
83) Chrysene	21.380	228	2201991	39.634	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	1526138	45.692	ng	98
85) Di-n-octyl phthalate	22.174	149	2556348	45.926	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	2073043	35.483	ng	99
88) Benzo(b)fluoranthene	23.021	252	2052289	40.672	ng	99
89) Benzo(k)fluoranthene	23.068	252	2069483	40.458	ng	100
90) Benzo(a)pyrene	23.651	252	1697945	40.680	ng	100
91) Dibenzo(a,h)anthracene	26.292	278	1760423	36.026	ng	98
92) Benzo(g,h,i)perylene	27.045	276	1656562	34.099	ng	98

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

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