Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008684.D
Acq On : 05 Jan 2022 10:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 02:59:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	454398	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	1752065	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1233489	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2706898	20.000	ng		0.00
76) Chrysene-d12	21.357	240	2565784	20.000	ng		0.00
86) Perylene-d12	23.780	264	2234261	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	2065404	82.965	ng		0.00
7) Phenol-d6	7.064	99	2734314	78.909	ng		0.00
23) Nitrobenzene-d5	9.046	82	2492971	84.645	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	1732436	103.809	ng		0.00
45) 2-Fluorobiphenyl	13.146	172	7093885	83.323	ng		-0.01
79) Terphenyl-d14	19.828	244	11383455	90.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	385180	38.300	ng		99
3) Pyridine	3.770	79	1086440	39.602	ng		100
4) n-Nitrosodimethylamine	3.676	42	362088	40.876	ng		100
6) Aniline	7.211	93	1552083	38.538	ng		98
8) 2-Chlorophenol	7.452	128	1193205	40.689	ng		100
9) Benzaldehyde	7.022	77	766745	38.878	ng		99
10) Phenol	7.087	94	1367250	39.085	ng		98
11) bis(2-Chloroethyl)ether	7.311	93	1077750	38.200	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1360696	39.640	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1382619	39.600	ng		100
14) 1,2-Dichlorobenzene	8.240	146	1338588	39.243	ng		99
15) Benzyl Alcohol	8.128	79	999474	40.269	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1126845	35.100	ng		99
17) 2-Methylphenol	8.334	107	969983	39.846	ng		98
18) Hexachloroethane	8.969	117	449844	39.518	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	817972	36.965	ng		99
20) 3+4-Methylphenols	8.664	107	1338595	39.141	ng		100
22) Acetophenone	8.711	105	1711339	40.733	ng	#	99
24) Nitrobenzene	9.087	77	1165915	41.566	ng		100
25) Isophorone	9.616	82	2205083	40.078	ng		99
26) 2-Nitrophenol	9.799	139	687550	51.608	ng		98
27) 2,4-Dimethylphenol	9.869	122	981001	40.807	ng		99
28) bis(2-Chloroethoxy)met...	10.099	93	1477801	38.795	ng		99
29) 2,4-Dichlorophenol	10.340	162	1274935	43.819	ng		99
30) 1,2,4-Trichlorobenzene	10.552	180	1416735	41.293	ng		99
31) Naphthalene	10.740	128	3698266	40.667	ng		100
32) Benzoic acid	10.028	122	821590	54.109	ng		100
33) 4-Chloroaniline	10.846	127	1594001	40.877	ng		99
34) Hexachlorobutadiene	11.034	225	888598	42.662	ng		99
35) Caprolactam	11.652	113	419739	43.890	ng		97
36) 4-Chloro-3-methylphenol	11.981	107	1239856	42.630	ng		99
37) 2-Methylnaphthalene	12.352	142	2747656	40.140	ng		99
38) 1-Methylnaphthalene	12.563	142	2661139	39.763	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	1621752	41.733	ng		100
41) Hexachlorocyclopentadiene	12.704	237	799069	38.669	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	1165065	46.081	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1260372	45.148	ng	99
46) 1,1'-Biphenyl	13.357	154	3678486	40.319	ng	99
47) 2-Chloronaphthalene	13.399	162	2923397	40.885	ng	99
48) 2-Nitroaniline	13.599	65	713893	45.545	ng	95
49) Acenaphthylene	14.240	152	4563973	41.555	ng	100
50) Dimethylphthalate	13.981	163	3823117	40.241	ng	100
51) 2,6-Dinitrotoluene	14.093	165	838548	43.014	ng	100
52) Acenaphthene	14.587	154	2973731m	41.382	ng	
53) 3-Nitroaniline	14.422	138	871315	42.943	ng	99
54) 2,4-Dinitrophenol	14.628	184	443118	51.033	ng	99
55) Dibenzofuran	14.916	168	4646359	40.332	ng	99
56) 4-Nitrophenol	14.740	139	714737	44.733	ng	97
57) 2,4-Dinitrotoluene	14.881	165	1169242	44.951	ng	99
58) Fluorene	15.569	166	3654145	40.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1154544m	46.164	ng	
60) Diethylphthalate	15.345	149	3774822	40.648	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	2036866	40.730	ng	99
62) 4-Nitroaniline	15.587	138	910851	44.202	ng	96
63) Azobenzene	15.857	77	2966337	39.577	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	722805	53.102	ng	98
66) n-Nitrosodiphenylamine	15.781	169	3342841	40.919	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1374093	46.392	ng	99
68) Hexachlorobenzene	16.581	284	1573000	43.264	ng	96
69) Atrazine	16.734	200	1298717	42.499	ng	99
70) Pentachlorophenol	16.928	266	930976	47.012	ng	100
71) Phenanthrene	17.316	178	6019557	41.247	ng	99
72) Anthracene	17.404	178	5922372	41.649	ng	100
73) Carbazole	17.675	167	5782787	41.433	ng	100
74) Di-n-butylphthalate	18.228	149	6623744	43.379	ng	99
75) Fluoranthene	19.281	202	7176422	42.751	ng	97
77) Benzidine	19.451	184	2451424	31.802	ng	99
78) Pyrene	19.628	202	7287972	43.662	ng	99
80) Butylbenzylphthalate	20.504	149	3074421	46.178	ng	97
81) Benzo(a)anthracene	21.339	228	6879925	41.333	ng	98
82) 3,3'-Dichlorobenzidine	21.275	252	2583863	42.218	ng	99
83) Chrysene	21.392	228	6408186	41.172	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	4257804	42.336	ng	99
85) Di-n-octyl phthalate	22.204	149	7074105	45.442	ng	99
87) Indeno(1,2,3-cd)pyrene	26.316	276	5906220	39.354	ng	98
88) Benzo(b)fluoranthene	23.045	252	6098246	42.442	ng	99
89) Benzo(k)fluoranthene	23.092	252	5735446	40.153	ng	98
90) Benzo(a)pyrene	23.674	252	4784790	41.307	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	4921525	38.873	ng	99
92) Benzo(g,h,i)perylene	27.086	276	4738183	40.023	ng	98

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

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