Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009318.D
Acq On : 09 Mar 2022 11:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 04:08:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

03/10/2022
Supervised By :Jagrut Upadhyay

03/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	407573	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1695496	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1089242	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2308316	20.000	ng	0.00
76) Chrysene-d12	21.328	240	2314655	20.000	ng	0.00
86) Perylene-d12	23.733	264	2419010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2005164	71.813	ng	0.00
7) Phenol-d6	6.993	99	2615696	73.717	ng	0.00
23) Nitrobenzene-d5	8.975	82	2400948	77.995	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1245794	94.718	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	5781736	72.996	ng	0.00
79) Terphenyl-d14	19.792	244	9577616	78.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	397633	33.456	ng	99
3) Pyridine	3.740	79	905943	35.763	ng	99
4) n-Nitrosodimethylamine	3.652	42	396315	37.513	ng	100
6) Aniline	7.146	93	1664604	37.037	ng	98
8) 2-Chlorophenol	7.387	128	1072302	37.491	ng	100
9) Benzaldehyde	6.958	77	820683m	36.301	ng	
10) Phenol	7.017	94	1352779	36.817	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	1065563	37.473	ng	99
12) 1,3-Dichlorobenzene	7.711	146	1201066	35.643	ng	99
13) 1,4-Dichlorobenzene	7.858	146	1222787	35.765	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1173602	35.916	ng	100
15) Benzyl Alcohol	8.058	79	968031	38.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1302164	35.279	ng	99
17) 2-Methylphenol	8.264	107	911755	38.334	ng	99
18) Hexachloroethane	8.899	117	439845	36.964	ng	98
19) n-Nitroso-di-n-propyla...	8.628	70	868273	40.573	ng	98
20) 3+4-Methylphenols	8.593	107	1236082	38.779	ng	99
22) Acetophenone	8.640	105	1679053	37.046	ng	99
24) Nitrobenzene	9.016	77	1228621	37.660	ng	99
25) Isophorone	9.546	82	2295972	39.875	ng	99
26) 2-Nitrophenol	9.728	139	580168	45.906	ng	96
27) 2,4-Dimethylphenol	9.793	122	1026037	36.913	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	1434463	38.069	ng	99
29) 2,4-Dichlorophenol	10.263	162	1054811	39.345	ng	100
30) 1,2,4-Trichlorobenzene	10.481	180	1161872	37.028	ng	100
31) Naphthalene	10.663	128	3427047	36.499	ng	100
32) Benzoic acid	9.928	122	732691	51.900	ng	97
33) 4-Chloroaniline	10.769	127	1472378	38.353	ng	99
34) Hexachlorobutadiene	10.963	225	739841	38.718	ng	99
35) Caprolactam	11.557	113	361656	45.830	ng	99
36) 4-Chloro-3-methylphenol	11.905	107	1134771	40.549	ng	99
37) 2-Methylnaphthalene	12.281	142	2534920	37.998	ng	100
38) 1-Methylnaphthalene	12.499	142	2340257	38.091	ng	100
40) 1,2,4,5-Tetrachloroben...	12.652	216	1371911	37.375	ng	99
41) Hexachlorocyclopentadiene	12.640	237	871351	37.479	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	893234	40.527	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	970900	40.161	ng	99
46) 1,1'-Biphenyl	13.293	154	3248325	36.526	ng	99
47) 2-Chloronaphthalene	13.334	162	2476440	36.764	ng	99
48) 2-Nitroaniline	13.534	65	702185	45.337	ng	99
49) Acenaphthylene	14.181	152	3936503	37.822	ng	99
50) Dimethylphthalate	13.922	163	3149682	39.205	ng	100
51) 2,6-Dinitrotoluene	14.034	165	679819	42.850	ng	98
52) Acenaphthene	14.528	154	2535781m	38.015	ng	
53) 3-Nitroaniline	14.357	138	724481	42.990	ng	97
54) 2,4-Dinitrophenol	14.563	184	348170	51.253	ng	98
55) Dibenzofuran	14.863	168	3781198	37.421	ng	100
56) 4-Nitrophenol	14.669	139	602982	43.024	ng	100
57) 2,4-Dinitrotoluene	14.822	165	935409	46.048	ng	97
58) Fluorene	15.510	166	3019049	38.154	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	869146	42.698	ng	96
60) Diethylphthalate	15.293	149	3231439	41.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1578480	39.163	ng	99
62) 4-Nitroaniline	15.528	138	734154	44.924	ng	99
63) Azobenzene	15.804	77	2996943	39.000	ng	98
65) 4,6-Dinitro-2-methylph...	15.593	198	491895	48.447	ng	94
66) n-Nitrosodiphenylamine	15.722	169	2673895	36.902	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	1016735	40.826	ng	95
68) Hexachlorobenzene	16.528	284	1164920	39.880	ng	97
69) Atrazine	16.687	200	1068605	41.895	ng	99
70) Pentachlorophenol	16.869	266	753526	42.860	ng	98
71) Phenanthrene	17.263	178	4829151	36.402	ng	100
72) Anthracene	17.351	178	4963835	37.592	ng	100
73) Carbazole	17.622	167	4465073	37.111	ng	100
74) Di-n-butylphthalate	18.192	149	5746334	43.151	ng	100
75) Fluoranthene	19.239	202	5800695	37.883	ng	99
77) Benzidine	19.416	184	3354479	41.521	ng	100
78) Pyrene	19.592	202	5937127	37.990	ng	100
80) Butylbenzylphthalate	20.481	149	2617097	46.395	ng	95
81) Benzo(a)anthracene	21.310	228	5867242	37.398	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	2334821	40.542	ng	99
83) Chrysene	21.363	228	5635311	36.996	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	3977336	44.086	ng	99
85) Di-n-octyl phthalate	22.180	149	6851241	46.385	ng	99
87) Indeno(1,2,3-cd)pyrene	26.239	276	7083161	37.687	ng	98
88) Benzo(b)fluoranthene	22.998	252	6118504	37.461	ng	100
89) Benzo(k)fluoranthene	23.051	252	6066187	38.877	ng	99
90) Benzo(a)pyrene	23.627	252	5936651	38.324	ng	98
91) Dibenzo(a,h)anthracene	26.263	278	6031596	37.847	ng	98
92) Benzo(g,h,i)perylene	27.010	276	5893679	37.435	ng	97

03/10/2022
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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