Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013101.D
Acq On : 13 Dec 2022 17:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 04:43:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 03:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	451466	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1544159	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	879280	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1867576	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1873581	20.000	ng	0.00
86) Perylene-d12	23.939	264	2108042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2065673	83.600	ng	0.00
7) Phenol-d6	7.122	99	2569290	79.623	ng	0.00
23) Nitrobenzene-d5	9.134	82	2382434	84.584	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	953449	89.937	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	5395725	83.321	ng	0.00
79) Terphenyl-d14	19.916	244	7812990	82.271	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	452607	41.341	ng	96
3) Pyridine	3.793	79	1237180m	39.791	ng	
4) n-Nitrosodimethylamine	3.699	42	570719	40.960	ng	99
6) Aniline	7.287	93	1516273	38.804	ng	98
8) 2-Chlorophenol	7.528	128	1157495	39.737	ng	99
9) Benzaldehyde	7.099	77	734566	37.940	ng	99
10) Phenol	7.152	94	1416917	39.229	ng	99
11) bis(2-Chloroethyl)ether	7.387	93	1135203	39.039	ng	99
12) 1,3-Dichlorobenzene	7.852	146	1369915	40.422	ng	99
13) 1,4-Dichlorobenzene	7.999	146	1376789	39.889	ng	100
14) 1,2-Dichlorobenzene	8.322	146	1296424	39.575	ng	99
15) Benzyl Alcohol	8.205	79	894073	38.195	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.499	45	1601917	38.035	ng	99
17) 2-Methylphenol	8.411	107	920658	38.563	ng	99
18) Hexachloroethane	9.052	117	470457	40.249	ng	96
19) n-Nitroso-di-n-propyla...	8.775	70	783262	37.375	ng	99
20) 3+4-Methylphenols	8.740	107	1237205	38.118	ng	100
22) Acetophenone	8.793	105	1573207	40.942	ng	98
24) Nitrobenzene	9.175	77	1223275	41.671	ng	100
25) Isophorone	9.705	82	1947262	40.705	ng	100
26) 2-Nitrophenol	9.893	139	556724	37.934	ng	99
27) 2,4-Dimethylphenol	9.946	122	826803	40.846	ng	99
28) bis(2-Chloroethoxy)met...	10.187	93	1237560	40.344	ng	100
29) 2,4-Dichlorophenol	10.422	162	1037076	41.513	ng	99
30) 1,2,4-Trichlorobenzene	10.640	180	1207094	40.938	ng	98
31) Naphthalene	10.834	128	3444217	40.735	ng	100
32) Benzoic acid	10.069	122	607936	36.118	ng	97
33) 4-Chloroaniline	10.940	127	1306034	41.418	ng	100
34) Hexachlorobutadiene	11.116	225	772971	41.094	ng	98
35) Caprolactam	11.734	113	270730	41.972	ng	95
36) 4-Chloro-3-methylphenol	12.057	107	972894	41.694	ng	99
37) 2-Methylnaphthalene	12.434	142	2304904	40.535	ng	99
38) 1-Methylnaphthalene	12.657	142	2226121	40.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	1281868	40.865	ng	100
41) Hexachlorocyclopentadiene	12.781	237	617316	39.029	ng	99
43) 2,4,6-Trichlorophenol	13.040	196	829851	41.952	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	911193	42.636	ng	99
46) 1,1'-Biphenyl	13.440	154	2862909	41.179	ng	100
47) 2-Chloronaphthalene	13.487	162	2277102	41.209	ng	99
48) 2-Nitroaniline	13.693	65	611033	41.287	ng	99
49) Acenaphthylene	14.334	152	3449511	42.438	ng	100
50) Dimethylphthalate	14.063	163	2786780	43.331	ng	99
51) 2,6-Dinitrotoluene	14.181	165	590883	44.897	ng	98
52) Acenaphthene	14.675	154	2128169	42.116	ng	100
53) 3-Nitroaniline	14.516	138	620226	42.960	ng	99
54) 2,4-Dinitrophenol	14.722	184	341875	41.030	ng	99
55) Dibenzofuran	15.004	168	3426141	42.368	ng	99
56) 4-Nitrophenol	14.816	139	509587	46.333	ng	99
57) 2,4-Dinitrotoluene	14.969	165	778096	43.697	ng	95
58) Fluorene	15.657	166	2721546	43.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	803126	43.963	ng	99
60) Diethylphthalate	15.428	149	2650509	44.829	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1384186	42.732	ng	99
62) 4-Nitroaniline	15.681	138	631367	45.687	ng	99
63) Azobenzene	15.945	77	2462534	44.816	ng	99
65) 4,6-Dinitro-2-methylph...	15.734	198	481609	40.143	ng	93
66) n-Nitrosodiphenylamine	15.863	169	2310101	39.618	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	867101	39.265	ng	96
68) Hexachlorobenzene	16.663	284	1007886	38.979	ng	97
69) Atrazine	16.822	200	715578	43.739	ng	98
70) Pentachlorophenol	17.010	266	626927	41.171	ng	99
71) Phenanthrene	17.410	178	4342471	40.863	ng	100
72) Anthracene	17.498	178	4154669	41.644	ng	100
73) Carbazole	17.769	167	3820742	43.685	ng	100
74) Di-n-butylphthalate	18.310	149	4309882	44.802	ng	100
75) Fluoranthene	19.369	202	5147708	45.004	ng	99
77) Benzidine	19.545	184	1303691	48.988	ng	99
78) Pyrene	19.722	202	5382527	39.982	ng	100
80) Butylbenzylphthalate	20.586	149	1924519	40.270	ng	99
81) Benzo(a)anthracene	21.433	228	5541165	43.269	ng	100
82) 3,3'-Dichlorobenzidine	21.363	252	1774821	46.541	ng	98
83) Chrysene	21.492	228	5318928	42.579	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2772746	42.134	ng	99
85) Di-n-octyl phthalate	22.298	149	4662348	42.993	ng	100
87) Indeno(1,2,3-cd)pyrene	26.551	276	6956099	40.385	ng	99
88) Benzo(b)fluoranthene	23.180	252	5580532	41.116	ng	99
89) Benzo(k)fluoranthene	23.227	252	5542793	40.369	ng	99
90) Benzo(a)pyrene	23.827	252	4666093	40.966	ng	100
91) Dibenzo(a,h)anthracene	26.568	278	5801262	40.526	ng	99
92) Benzo(g,h,i)perylene	27.351	276	5691721	40.130	ng	99

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

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