Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014076.D
Acq On : 14 Mar 2023 10:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 04:00:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	206960	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	756043	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	478161	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	1016298	20.000	ng	0.00
76) Chrysene-d12	21.545	240	823166	20.000	ng	0.00
86) Perylene-d12	24.080	264	765418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1016324	79.639	ng	0.00
7) Phenol-d6	7.222	99	1353328	80.772	ng	0.00
23) Nitrobenzene-d5	9.246	82	1379936	83.422	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	709011	91.454	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	3105572	84.146	ng	0.00
79) Terphenyl-d14	20.004	244	4446052	89.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	211964	38.233	ng	96
3) Pyridine	3.881	79	617681	40.119	ng	98
4) n-Nitrosodimethylamine	3.787	42	258822	37.872	ng	99
6) Aniline	7.393	93	891747	40.517	ng	98
8) 2-Chlorophenol	7.628	128	552437	40.418	ng	98
9) Benzaldehyde	7.205	77	311026	37.095	ng	98
10) Phenol	7.252	94	706577	40.519	ng	98
11) bis(2-Chloroethyl)ether	7.487	93	560477	40.594	ng	99
12) 1,3-Dichlorobenzene	7.958	146	604515	40.248	ng	99
13) 1,4-Dichlorobenzene	8.105	146	613131	40.351	ng	99
14) 1,2-Dichlorobenzene	8.428	146	593182	40.758	ng	99
15) Benzyl Alcohol	8.310	79	554116	40.563	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.599	45	684953m	45.567	ng	
17) 2-Methylphenol	8.510	107	509017	40.929	ng	98
18) Hexachloroethane	9.158	117	229789	40.256	ng	94
19) n-Nitroso-di-n-propyla...	8.887	70	475046	43.075	ng	99
20) 3+4-Methylphenols	8.846	107	691852	41.307	ng	99
22) Acetophenone	8.905	105	880838	41.536	ng	98
24) Nitrobenzene	9.287	77	706273	41.729	ng	98
25) Isophorone	9.816	82	1275348	41.843	ng	99
26) 2-Nitrophenol	9.999	139	313137	42.534	ng	97
27) 2,4-Dimethylphenol	10.057	122	511281	42.712	ng	96
28) bis(2-Chloroethoxy)met...	10.293	93	753264	42.700	ng	98
29) 2,4-Dichlorophenol	10.540	162	553856	42.268	ng	100
30) 1,2,4-Trichlorobenzene	10.752	180	623978	41.944	ng	100
31) Naphthalene	10.946	128	1738813	41.855	ng	99
32) Benzoic acid	10.216	122	357292	36.692	ng	96
33) 4-Chloroaniline	11.052	127	753057	42.286	ng	98
34) Hexachlorobutadiene	11.222	225	442652	40.926	ng	97
35) Caprolactam	11.857	113	159533	42.534	ng	91
36) 4-Chloro-3-methylphenol	12.169	107	621764	42.546	ng	100
37) 2-Methylnaphthalene	12.546	142	1282192	41.835	ng	98
38) 1-Methylnaphthalene	12.763	142	1195152	41.833	ng	99
40) 1,2,4,5-Tetrachloroben...	12.910	216	774674	42.504	ng	99
41) Hexachlorocyclopentadiene	12.881	237	472889	41.343	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	491241	42.640	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	576675	43.197	ng	98
46) 1,1'-Biphenyl	13.546	154	1622019	42.143	ng	99
47) 2-Chloronaphthalene	13.593	162	1244017	41.987	ng	98
48) 2-Nitroaniline	13.798	65	398503	44.318	ng	98
49) Acenaphthylene	14.434	152	1985093	42.130	ng	100
50) Dimethylphthalate	14.163	163	1654073	41.931	ng	100
51) 2,6-Dinitrotoluene	14.287	165	357310	43.012	ng	96
52) Acenaphthene	14.775	154	1181355	41.650	ng	100
53) 3-Nitroaniline	14.622	138	348748	42.837	ng	99
54) 2,4-Dinitrophenol	14.822	184	231750	39.256	ng	94
55) Dibenzofuran	15.110	168	1970577	42.616	ng	96
56) 4-Nitrophenol	14.922	139	271432	40.943	ng	89
57) 2,4-Dinitrotoluene	15.075	165	477138	42.968	ng	93
58) Fluorene	15.757	166	1545159	42.083	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	496152	42.601	ng	98
60) Diethylphthalate	15.522	149	1599474	41.067	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	867114	41.660	ng	99
62) 4-Nitroaniline	15.787	138	347484	42.865	ng	89
63) Azobenzene	16.039	77	1547572	42.940	ng	97
65) 4,6-Dinitro-2-methylph...	15.839	198	310089	41.193	ng	94
66) n-Nitrosodiphenylamine	15.963	169	1353640	42.151	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	568261	42.272	ng	99
68) Hexachlorobenzene	16.763	284	629268	43.671	ng	96
69) Atrazine	16.916	200	471326	41.803	ng	98
70) Pentachlorophenol	17.110	266	454300	43.716	ng	95
71) Phenanthrene	17.510	178	2353925	41.460	ng	99
72) Anthracene	17.598	178	2410313	41.549	ng	99
73) Carbazole	17.869	167	2055217	41.070	ng	99
74) Di-n-butylphthalate	18.398	149	2529700	40.432	ng	99
75) Fluoranthene	19.463	202	2715928	40.022	ng	99
77) Benzidine	19.639	184	645651	37.578	ng	99
78) Pyrene	19.816	202	2771089	43.860	ng	100
80) Butylbenzylphthalate	20.669	149	957322	39.967	ng	99
81) Benzo(a)anthracene	21.527	228	2493631	41.286	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	763541	39.508	ng	98
83) Chrysene	21.586	228	2360607	41.271	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1305171	37.142	ng	98
85) Di-n-octyl phthalate	22.392	149	1949020	34.169	ng	99
87) Indeno(1,2,3-cd)pyrene	26.751	276	2524593	42.687	ng	99
88) Benzo(b)fluoranthene	23.298	252	2126371	42.426	ng	100
89) Benzo(k)fluoranthene	23.351	252	2130151	42.866	ng	99
90) Benzo(a)pyrene	23.968	252	2001101	41.859	ng	100
91) Dibenzo(a,h)anthracene	26.762	278	2105267	42.818	ng	99
92) Benzo(g,h,i)perylene	27.580	276	2118719	43.482	ng	98

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

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