Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020511.D
Acq On : 05 Jun 2024 10:00
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 11:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	340923	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1151439	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	617371	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1199880	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1331340	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1663996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1658726	87.113	ng	0.00
7) Phenol-d6	6.940	99	2035624	75.807	ng	0.00
23) Nitrobenzene-d5	8.916	82	1849474	87.925	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	584845	91.281	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3696239	89.251	ng	0.00
79) Terphenyl-d14	19.939	244	5554705	69.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	335400	43.594	ng	96
3) Pyridine	3.728	79	858185	39.672	ng	94
4) n-Nitrosodimethylamine	3.646	42	404616	38.509	ng	95
6) Aniline	7.110	93	959963	35.280	ng	98
8) 2-Chlorophenol	7.340	128	846227	39.645	ng	99
9) Benzaldehyde	6.928	77	731991	42.496	ng	100
10) Phenol	6.969	94	1034525	37.611	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	822912	36.277	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1026254	40.808	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1049696	41.067	ng	99
14) 1,2-Dichlorobenzene	8.116	146	984155	39.896	ng	99
15) Benzyl Alcohol	8.004	79	679519	34.258	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1077524	31.817	ng	98
17) 2-Methylphenol	8.198	107	670353	35.914	ng	99
18) Hexachloroethane	8.834	117	375007	40.179	ng	95
19) n-Nitroso-di-n-propyla...	8.569	70	562234	30.670	ng	98
20) 3+4-Methylphenols	8.522	107	887013	34.938	ng	99
22) Acetophenone	8.587	105	1175616	41.132	ng	97
24) Nitrobenzene	8.963	77	916388	42.927	ng	98
25) Isophorone	9.481	82	1457802	35.670	ng	98
26) 2-Nitrophenol	9.663	139	400949	47.520	ng	97
27) 2,4-Dimethylphenol	9.716	122	498202	40.350	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	946243	37.669	ng	100
29) 2,4-Dichlorophenol	10.181	162	703216	42.453	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	865883	44.032	ng	99
31) Naphthalene	10.587	128	2443416	41.510	ng	99
32) Benzoic acid	9.840	122	466739	40.962	ng	99
33) 4-Chloroaniline	10.698	127	857848	37.674	ng	99
34) Hexachlorobutadiene	10.863	225	567209	45.789	ng	98
35) Caprolactam	11.487	113	230071	37.901	ng	94
36) 4-Chloro-3-methylphenol	11.816	107	691143	35.637	ng	98
37) 2-Methylnaphthalene	12.204	142	1556384	36.899	ng	99
38) 1-Methylnaphthalene	12.410	142	1529462	36.580	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	845482	47.333	ng	99
41) Hexachlorocyclopentadiene	12.551	237	351791	56.038	ng	100
43) 2,4,6-Trichlorophenol	12.804	196	513457	47.554	ng	98

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44) 2,4,5-Trichlorophenol	12.881	196	566013	45.438	ng	99
46) 1,1'-Biphenyl	13.222	154	1928092	44.253	ng	99
47) 2-Chloronaphthalene	13.257	162	1534407	44.300	ng	98
48) 2-Nitroaniline	13.457	65	411295	43.822	ng	99
49) Acenaphthylene	14.110	152	2164864	42.122	ng	100
50) Dimethylphthalate	13.839	163	1683627	38.688	ng	100
51) 2,6-Dinitrotoluene	13.963	165	390536	41.985	ng	97
52) Acenaphthene	14.457	154	1348348	41.590	ng	100
53) 3-Nitroaniline	14.292	138	395163	42.352	ng	99
54) 2,4-Dinitrophenol	14.498	184	166895	47.520	ng	92
55) Dibenzofuran	14.798	168	2107807	41.043	ng	98
56) 4-Nitrophenol	14.592	139	335251	46.450	ng	98
57) 2,4-Dinitrotoluene	14.763	165	519948	42.534	ng	96
58) Fluorene	15.457	166	1641315	39.811	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	451211	44.262	ng	98
60) Diethylphthalate	15.233	149	1637224	37.010	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	842732	39.611	ng	97
62) 4-Nitroaniline	15.475	138	421637	43.869	ng	98
63) Azobenzene	15.757	77	1555003	37.645	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	239202	45.450	ng	99
66) n-Nitrosodiphenylamine	15.675	169	1392381	42.208	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	517235	42.136	ng	97
68) Hexachlorobenzene	16.474	284	621795	43.039	ng	98
69) Atrazine	16.651	200	468372	40.357	ng	99
70) Pentachlorophenol	16.827	266	405176	46.177	ng	98
71) Phenanthrene	17.239	178	2453840	41.603	ng	99
72) Anthracene	17.333	178	2482448	42.891	ng	100
73) Carbazole	17.616	167	2454970	43.851	ng	99
74) Di-n-butylphthalate	18.210	149	2814606	41.516	ng	99
75) Fluoranthene	19.327	202	3251005	46.590	ng	99
77) Benzidine	19.539	184	1689440	37.224	ng	99
78) Pyrene	19.710	202	3313948	33.093	ng	100
80) Butylbenzylphthalate	20.674	149	1418408	35.821	ng	94
81) Benzo(a)anthracene	21.633	228	3581729	40.859	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1321473	50.711	ng	99
83) Chrysene	21.698	228	3412942	41.318	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	2176609	38.191	ng	99
85) Di-n-octyl phthalate	22.892	149	3963900	47.852	ng	97
87) Indeno(1,2,3-cd)pyrene	28.856	276	4772755m	47.168	ng	
88) Benzo(b)fluoranthene	23.956	252	4004605	38.631	ng	99
89) Benzo(k)fluoranthene	24.027	252	3864790	38.225	ng	99
90) Benzo(a)pyrene	24.856	252	3562201	41.492	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	3963836	46.966	ng	98
92) Benzo(g,h,i)perylene	30.021	276	3961273	46.957	ng	97

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

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