Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
Data File : BP020477.D
Acq On : 29 May 2024 15:48
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP052924

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 03:41:56 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	7.763	152	385320	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1541821	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	926873	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1838731	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1277689	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1466001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1693009	78.668	ng	0.00
7) Phenol-d6	6.940	99	2315873	76.306	ng	0.00
23) Nitrobenzene-d5	8.910	82	2276974	80.841	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	835982	86.908	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4875006	78.407	ng	0.00
79) Terphenyl-d14	19.933	244	6262466	81.595	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	328663	37.796	ng	97
3) Pyridine	3.716	79	928734m	37.987	ng	
4) n-Nitrosodimethylamine	3.634	42	433989	36.546	ng	99
6) Aniline	7.105	93	1146373	37.277	ng	98
8) 2-Chlorophenol	7.334	128	945588	39.196	ng	98
9) Benzaldehyde	6.928	77	622795	31.991	ng	98
10) Phenol	6.963	94	1184400	38.099	ng	99
11) bis(2-Chloroethyl)ether	7.205	93	946180	36.905	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1121820	39.468	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1131556	39.169	ng	98
14) 1,2-Dichlorobenzene	8.110	146	1084342	38.893	ng	99
15) Benzyl Alcohol	7.999	79	858076	38.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1321086	34.514	ng	100
17) 2-Methylphenol	8.193	107	802859	38.056	ng	98
18) Hexachloroethane	8.828	117	400254	37.943	ng	92
19) n-Nitroso-di-n-propyla...	8.563	70	761428	36.751	ng	99
20) 3+4-Methylphenols	8.516	107	1120107	39.036	ng	99
22) Acetophenone	8.581	105	1512077	39.509	ng	98
24) Nitrobenzene	8.957	77	1143108	39.989	ng	98
25) Isophorone	9.475	82	2125463	38.839	ng	98
26) 2-Nitrophenol	9.651	139	483127	43.141	ng	97
27) 2,4-Dimethylphenol	9.704	122	672563	40.680	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	1288362	38.303	ng	100
29) 2,4-Dichlorophenol	10.175	162	973537	43.892	ng	98
30) 1,2,4-Trichlorobenzene	10.393	180	1133938	43.063	ng	98
31) Naphthalene	10.581	128	3146618	39.921	ng	100
32) Benzoic acid	9.846	122	617707	40.564	ng	98
33) 4-Chloroaniline	10.687	127	1221447	40.060	ng	99
34) Hexachlorobutadiene	10.863	225	740753	44.658	ng	98
35) Caprolactam	11.469	113	324738	39.951	ng	97
36) 4-Chloro-3-methylphenol	11.798	107	1046205	40.286	ng	97
37) 2-Methylnaphthalene	12.192	142	2010781	35.602	ng	99
38) 1-Methylnaphthalene	12.416	142	1988987	35.526	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1078195	40.205	ng	99
41) Hexachlorocyclopentadiene	12.540	237	405398	43.013	ng	98
43) 2,4,6-Trichlorophenol	12.798	196	703689	43.410	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	789898	42.237	ng	99
46) 1,1'-Biphenyl	13.216	154	2603186	39.796	ng	99
47) 2-Chloronaphthalene	13.251	162	2079657	39.993	ng	99
48) 2-Nitroaniline	13.457	65	616483	43.751	ng	97
49) Acenaphthylene	14.110	152	3105106	40.242	ng	100
50) Dimethylphthalate	13.851	163	2548036	39.000	ng	99
51) 2,6-Dinitrotoluene	13.957	165	583749	41.801	ng	98
52) Acenaphthene	14.451	154	1917161	39.389	ng	100
53) 3-Nitroaniline	14.292	138	575043	41.051	ng	99
54) 2,4-Dinitrophenol	14.504	184	213334	42.054	ng	95
55) Dibenzofuran	14.792	168	3043455	39.473	ng	98
56) 4-Nitrophenol	14.592	139	454268	41.923	ng	95
57) 2,4-Dinitrotoluene	14.757	165	781125	42.562	ng	98
58) Fluorene	15.445	166	2384104	38.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	651120	42.544	ng	100
60) Diethylphthalate	15.239	149	2609134	39.285	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1231821	38.566	ng	95
62) 4-Nitroaniline	15.475	138	571301	39.592	ng	98
63) Azobenzene	15.757	77	2405431	38.788	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	320944	40.746	ng	98
66) n-Nitrosodiphenylamine	15.681	169	2071837	40.983	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	793238	42.168	ng	98
68) Hexachlorobenzene	16.469	284	908897	41.054	ng	98
69) Atrazine	16.657	200	720463	40.509	ng	100
70) Pentachlorophenol	16.828	266	558582	41.542	ng	99
71) Phenanthrene	17.239	178	3577003	39.574	ng	100
72) Anthracene	17.328	178	3515903	39.641	ng	100
73) Carbazole	17.616	167	3336109	38.886	ng	100
74) Di-n-butylphthalate	18.222	149	4034632	38.834	ng	100
75) Fluoranthene	19.333	202	3952139	36.960	ng	98
77) Benzidine	19.533	184	1370321	32.385	ng	99
78) Pyrene	19.710	202	3965266	41.259	ng	100
80) Butylbenzylphthalate	20.686	149	1391424	36.561	ng	93
81) Benzo(a)anthracene	21.633	228	3345163	39.763	ng	100
82) 3,3'-Dichlorobenzidine	21.568	252	1121799	44.857	ng	99
83) Chrysene	21.710	228	3159067	39.851	ng	99
84) Bis(2-ethylhexyl)phtha...	21.604	149	2076275	37.960	ng	100
85) Di-n-octyl phthalate	22.915	149	3357083	42.228	ng	99
87) Indeno(1,2,3-cd)pyrene	28.839	276	4087272m	45.849	ng	
88) Benzo(b)fluoranthene	23.957	252	3445113	37.722	ng	99
89) Benzo(k)fluoranthene	24.033	252	3381269	37.959	ng	99
90) Benzo(a)pyrene	24.868	252	3047053	40.285	ng	99
91) Dibenzo(a,h)anthracene	28.950	278	3364016	45.242	ng	99
92) Benzo(g,h,i)perylene	30.027	276	3406215	45.830	ng	99

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

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