Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
Data File : BP020455.D
Acq On : 24 May 2024 16:42
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP052424

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :mohammad ahmed 05/28/2024

Quant Time: May 27 00:37:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 25 02:22:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	320571	20.000	ng		0.01
21) Naphthalene-d8	10.540	136	1297280	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	784440	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1546465	20.000	ng		0.00
76) Chrysene-d12	21.674	240	1411395	20.000	ng		-0.01
86) Perylene-d12	25.051	264	1637207	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1473825	80.429	ng		0.00
7) Phenol-d6	6.934	99	2009555	79.310	ng		0.00
23) Nitrobenzene-d5	8.922	82	1885558	86.197	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	676593	83.206	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	4347413	81.575	ng		0.00
79) Terphenyl-d14	19.957	244	6050082	70.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	293862	40.194	ng		99
3) Pyridine	3.716	79	815530m	39.905	ng		
4) n-Nitrosodimethylamine	3.634	42	386240	40.864	ng		94
6) Aniline	7.110	93	997537	38.713	ng		100
8) 2-Chlorophenol	7.334	128	801707	39.959	ng		99
9) Benzaldehyde	6.922	77	568579	40.741	ng		99
10) Phenol	6.957	94	1020895	39.694	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	825909	38.777	ng		98
12) 1,3-Dichlorobenzene	7.657	146	953879	40.217	ng		99
13) 1,4-Dichlorobenzene	7.810	146	952059	39.579	ng		98
14) 1,2-Dichlorobenzene	8.116	146	917399	39.808	ng		98
15) Benzyl Alcohol	7.999	79	730479	39.609	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1230551m	38.640	ng		
17) 2-Methylphenol	8.199	107	686537	39.354	ng		98
18) Hexachloroethane	8.840	117	349928	40.916	ng		95
19) n-Nitroso-di-n-propyla...	8.569	70	653715	37.917	ng		98
20) 3+4-Methylphenols	8.522	107	943768	39.608	ng		98
22) Acetophenone	8.587	105	1243934	38.896	ng	#	99
24) Nitrobenzene	8.957	77	945459	42.134	ng		98
25) Isophorone	9.475	82	1808964	38.782	ng		99
26) 2-Nitrophenol	9.657	139	364764	44.830	ng		98
27) 2,4-Dimethylphenol	9.710	122	557075	39.758	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	1116764	39.347	ng		99
29) 2,4-Dichlorophenol	10.181	162	764861	40.938	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	883884	39.801	ng		97
31) Naphthalene	10.598	128	2635973	39.855	ng		100
32) Benzoic acid	9.840	122	449855	42.252	ng		98
33) 4-Chloroaniline	10.704	127	1000382	39.154	ng		99
34) Hexachlorobutadiene	10.875	225	560727	40.692	ng		99
35) Caprolactam	11.475	113	247271	38.090	ng		98
36) 4-Chloro-3-methylphenol	11.810	107	826282	38.875	ng		97
37) 2-Methylnaphthalene	12.198	142	1815407	38.638	ng		99
38) 1-Methylnaphthalene	12.434	142	1795250	38.789	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	956315	41.862	ng		100
41) Hexachlorocyclopentadiene	12.545	237	345819	43.080	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	594982	43.192	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	661502	43.655	ng	99
46) 1,1'-Biphenyl	13.222	154	2285103	40.820	ng	99
47) 2-Chloronaphthalene	13.263	162	1808975	40.950	ng	99
48) 2-Nitroaniline	13.463	65	478999	42.036	ng	97
49) Acenaphthylene	14.116	152	2669329	40.518	ng	100
50) Dimethylphthalate	13.863	163	2135242	39.503	ng	100
51) 2,6-Dinitrotoluene	13.975	165	462745	44.438	ng	94
52) Acenaphthene	14.469	154	1735853	40.662	ng	99
53) 3-Nitroaniline	14.310	138	457609	44.886	ng	98
54) 2,4-Dinitrophenol	14.498	184	147574	45.455	ng	97
55) Dibenzofuran	14.810	168	2602627	40.212	ng	100
56) 4-Nitrophenol	14.598	139	364578	43.287	ng	99
57) 2,4-Dinitrotoluene	14.763	165	597980	41.523	ng	96
58) Fluorene	15.469	166	2030866	39.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	515063	41.301	ng	99
60) Diethylphthalate	15.245	149	2175962	39.511	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1051203	39.144	ng	99
62) 4-Nitroaniline	15.486	138	462733	44.830	ng	99
63) Azobenzene	15.769	77	2018992	39.194	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	230667	43.614	ng	98
66) n-Nitrosodiphenylamine	15.686	169	1755305	39.690	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	649186	39.670	ng	97
68) Hexachlorobenzene	16.492	284	743074	39.342	ng	97
69) Atrazine	16.663	200	609730	39.609	ng	96
70) Pentachlorophenol	16.845	266	462343	44.200	ng	99
71) Phenanthrene	17.257	178	3068311	40.216	ng	100
72) Anthracene	17.351	178	3018092	39.893	ng	100
73) Carbazole	17.627	167	2943078	41.094	ng	99
74) Di-n-butylphthalate	18.239	149	3658827	40.507	ng	100
75) Fluoranthene	19.345	202	3654814	41.084	ng	100
78) Pyrene	19.727	202	3764548	35.272	ng	100
80) Butylbenzylphthalate	20.698	149	1583208	40.552	ng	100
81) Benzo(a)anthracene	21.651	228	3692678	39.643	ng	100
82) 3,3'-Dichlorobenzidine	21.574	252	1304199	44.309	ng	99
83) Chrysene	21.721	228	3480559	39.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	2492518	41.144	ng	99
85) Di-n-octyl phthalate	22.933	149	4224445	45.524	ng	100
87) Indeno(1,2,3-cd)pyrene	28.903	276	4441282m	41.634	ng	
88) Benzo(b)fluoranthene	23.986	252	3851856	38.943	ng	99
89) Benzo(k)fluoranthene	24.068	252	3769570	39.423	ng	99
90) Benzo(a)pyrene	24.898	252	3395766	39.657	ng	100
91) Dibenzo(a,h)anthracene	28.986	278	3639661	41.120	ng	99
92) Benzo(g,h,i)perylene	30.092	276	3653214m	41.097	ng	

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

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