Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
Data File : BP020462.D
Acq On : 28 May 2024 14:52
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 29 01:29:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 01:22:02 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	332875	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	1351558	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	849351	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1520288	20.000	ng	0.00
76) Chrysene-d12	21.674	240	1015412	20.000	ng	0.00
86) Perylene-d12	25.050	264	1239069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1522098	80.468	ng	0.00
7) Phenol-d6	6.934	99	2109585	81.547	ng	0.00
23) Nitrobenzene-d5	8.922	82	1988425	82.063	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	647679	80.872	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4557710	77.948	ng	0.00
79) Terphenyl-d14	19.957	244	4852804	80.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	306999	39.350	ng	100
3) Pyridine	3.716	79	854301m	39.781	ng	
4) n-Nitrosodimethylamine	3.634	42	419031	40.001	ng	100
6) Aniline	7.104	93	1049378	40.556	ng	100
8) 2-Chlorophenol	7.334	128	826397	40.211	ng	100
9) Benzaldehyde	6.922	77	568122	40.263	ng	100
10) Phenol	6.963	94	1070672	40.459	ng	100
11) bis(2-Chloroethyl)ether	7.204	93	875805	40.287	ng	100
12) 1,3-Dichlorobenzene	7.657	146	976921	39.700	ng	100
13) 1,4-Dichlorobenzene	7.798	146	985784	39.535	ng	100
14) 1,2-Dichlorobenzene	8.116	146	939532	39.492	ng	100
15) Benzyl Alcohol	8.004	79	763244	41.374	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1305406	40.162	ng	100
17) 2-Methylphenol	8.198	107	711421	40.502	ng	100
18) Hexachloroethane	8.839	117	355944	39.643	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	699295	40.649	ng	100
20) 3+4-Methylphenols	8.522	107	979286	41.277	ng	100
22) Acetophenone	8.587	105	1338965	40.087	ng	100
24) Nitrobenzene	8.963	77	1004169	40.609	ng	100
25) Isophorone	9.475	82	1893646	40.639	ng	100
26) 2-Nitrophenol	9.663	139	349866	40.225	ng	100
27) 2,4-Dimethylphenol	9.716	122	586736	41.022	ng	100
28) bis(2-Chloroethoxy)met...	9.957	93	1171857	40.502	ng	100
29) 2,4-Dichlorophenol	10.181	162	787050	41.447	ng	100
30) 1,2,4-Trichlorobenzene	10.404	180	920641	39.894	ng	100
31) Naphthalene	10.586	128	2763514	40.022	ng	100
32) Benzoic acid	9.845	122	443283	40.098	ng	100
33) 4-Chloroaniline	10.698	127	1046733	40.645	ng	100
34) Hexachlorobutadiene	10.869	225	579215	40.217	ng	100
35) Caprolactam	11.481	113	256462	41.776	ng	100
36) 4-Chloro-3-methylphenol	11.816	107	874779	41.491	ng	100
37) 2-Methylnaphthalene	12.204	142	1905125	40.411	ng	100
38) 1-Methylnaphthalene	12.422	142	1865929	40.123	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	987052	38.982	ng	100
41) Hexachlorocyclopentadiene	12.551	237	356605	40.455	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	614019	41.455	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	695789	41.478	ng	100
46) 1,1'-Biphenyl	13.227	154	2411579	39.174	ng	100
47) 2-Chloronaphthalene	13.263	162	1912924	39.118	ng	100
48) 2-Nitroaniline	13.463	65	508544	45.495	ng	100
49) Acenaphthylene	14.110	152	2782294	39.139	ng	100
50) Dimethylphthalate	13.857	163	2244284	39.489	ng	100
51) 2,6-Dinitrotoluene	13.975	165	489910	41.894	ng	100
52) Acenaphthene	14.463	154	1805024	38.983	ng	100
53) 3-Nitroaniline	14.298	138	473605	41.472	ng	100
54) 2,4-Dinitrophenol	14.498	184	138183	40.624	ng	100
55) Dibenzofuran	14.804	168	2708473	38.811	ng	100
56) 4-Nitrophenol	14.592	139	349817	39.475	ng	100
57) 2,4-Dinitrotoluene	14.763	165	606162	38.275	ng	100
58) Fluorene	15.469	166	2115737	38.683	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.027	232	537082	41.235	ng	100
60) Diethylphthalate	15.239	149	2199621	39.018	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1086416	38.587	ng	100
62) 4-Nitroaniline	15.480	138	448402	40.462	ng	100
63) Azobenzene	15.763	77	2120450	38.877	ng	100
65) 4,6-Dinitro-2-methylph...	15.533	198	205451	40.633	ng	100
66) n-Nitrosodiphenylamine	15.680	169	1795983	40.722	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	649171	40.664	ng	100
68) Hexachlorobenzene	16.486	284	741369	39.910	ng	100
69) Atrazine	16.669	200	553287	39.819	ng	100
70) Pentachlorophenol	16.833	266	413847	40.936	ng	100
71) Phenanthrene	17.245	178	3015994	40.136	ng	100
72) Anthracene	17.351	178	2947925	40.195	ng	100
73) Carbazole	17.621	167	2688407	39.762	ng	100
74) Di-n-butylphthalate	18.233	149	3116226	40.239	ng	100
75) Fluoranthene	19.345	202	3030557	37.927	ng	100
77) Benzidine	19.551	184	1573525	55.941	ng	100
78) Pyrene	19.721	202	3069392	40.124	ng	100
80) Butylbenzylphthalate	20.692	149	964395	37.848	ng	100
81) Benzo(a)anthracene	21.651	228	2681499	40.188	ng	100
82) 3,3'-Dichlorobenzidine	21.574	252	905578	43.723	ng	100
83) Chrysene	21.721	228	2515917	39.716	ng	100
84) Bis(2-ethylhexyl)phtha...	21.621	149	1538115	42.546	ng	100
85) Di-n-octyl phthalate	22.933	149	2512624	39.766	ng	100
87) Indeno(1,2,3-cd)pyrene	28.903	276	3519434m	41.381	ng	
88) Benzo(b)fluoranthene	23.992	252	2888418	40.134	ng	100
89) Benzo(k)fluoranthene	24.056	252	2796203	39.912	ng	100
90) Benzo(a)pyrene	24.897	252	2589045	40.866	ng	100
91) Dibenzo(a,h)anthracene	28.985	278	2921592	41.379	ng	100
92) Benzo(g,h,i)perylene	30.085	276	2977935	41.605	ng	100

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

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