Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021492.D
Acq On : 14 Aug 2024 09:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 10:54:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

08/14/2024
Supervised By :mohammad ahmed

08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	332815	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1399819	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	956561	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2158003	20.000	ng		0.00
76) Chrysene-d12	21.698	240	2134433	20.000	ng		0.00
86) Perylene-d12	25.110	264	2446369	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1814266	80.944	ng		0.00
7) Phenol-d6	6.963	99	2669848	81.655	ng		0.00
23) Nitrobenzene-d5	8.952	82	2409095	88.830	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	909962	85.473	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4945704	78.907	ng		0.00
79) Terphenyl-d14	19.975	244	8474470	77.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	425190	40.008	ng		98
3) Pyridine	3.705	79	1223019m	41.223	ng		
4) n-Nitrosodimethylamine	3.617	42	370620	41.561	ng		99
6) Aniline	7.134	93	1316687	40.281	ng		99
8) 2-Chlorophenol	7.369	128	848605	40.969	ng		98
9) Benzaldehyde	6.946	77	742637	35.474	ng		100
10) Phenol	6.987	94	1370194	40.468	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	1137295	39.697	ng		98
12) 1,3-Dichlorobenzene	7.699	146	973647	39.573	ng		99
13) 1,4-Dichlorobenzene	7.846	146	985836	39.681	ng		98
14) 1,2-Dichlorobenzene	8.158	146	942041	39.347	ng		99
15) Benzyl Alcohol	8.034	79	969602	41.330	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1044851	39.602	ng		99
17) 2-Methylphenol	8.234	107	871528	40.716	ng		99
18) Hexachloroethane	8.887	117	399731	40.123	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	911296	40.348	ng		100
20) 3+4-Methylphenols	8.557	107	1202971	41.680	ng		98
22) Acetophenone	8.616	105	1711896	39.808	ng	#	98
24) Nitrobenzene	8.993	77	1298020	44.067	ng		99
25) Isophorone	9.516	82	2576770	40.218	ng		99
26) 2-Nitrophenol	9.704	139	301352	43.288	ng		96
27) 2,4-Dimethylphenol	9.763	122	645434	40.820	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1568879	40.115	ng		99
29) 2,4-Dichlorophenol	10.234	162	799331	42.786	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	936376	39.095	ng		99
31) Naphthalene	10.646	128	2912892	39.833	ng		100
32) Benzoic acid	9.875	122	463498	45.836	ng		99
33) 4-Chloroaniline	10.746	127	1143389	41.625	ng		99
34) Hexachlorobutadiene	10.940	225	586447	38.887	ng		98
35) Caprolactam	11.499	113	360292	46.333	ng		92
36) 4-Chloro-3-methylphenol	11.863	107	1120689	43.245	ng		99
37) 2-Methylnaphthalene	12.257	142	2009686	40.267	ng		99
38) 1-Methylnaphthalene	12.475	142	1980369	40.232	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1101864	39.314	ng		100
41) Hexachlorocyclopentadiene	12.616	237	348643	39.249	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	661724	42.503	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	749765	43.345	ng	99
46) 1,1'-Biphenyl	13.275	154	2675240	39.529	ng	99
47) 2-Chloronaphthalene	13.316	162	2077485	39.429	ng	99
48) 2-Nitroaniline	13.498	65	634884	43.529	ng	100
49) Acenaphthylene	14.169	152	3128368	40.389	ng	100
50) Dimethylphthalate	13.898	163	2665075	41.603	ng	100
51) 2,6-Dinitrotoluene	14.016	165	540942	42.366	ng	95
52) Acenaphthene	14.516	154	2039418	40.129	ng	99
53) 3-Nitroaniline	14.345	138	559101	44.336	ng	98
54) 2,4-Dinitrophenol	14.545	184	156436	45.517	ng	92
55) Dibenzofuran	14.857	168	3161889	40.444	ng	100
56) 4-Nitrophenol	14.640	139	456063	45.280	ng	98
57) 2,4-Dinitrotoluene	14.810	165	719263	44.201	ng	96
58) Fluorene	15.510	166	2624867	40.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	659723	44.934	ng	99
60) Diethylphthalate	15.292	149	2763281	42.041	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1348986	40.633	ng	99
62) 4-Nitroaniline	15.522	138	596538	45.820	ng	99
63) Azobenzene	15.816	77	3358449	41.567	ng	100
65) 4,6-Dinitro-2-methylph...	15.587	198	266179	43.370	ng	97
66) n-Nitrosodiphenylamine	15.728	169	2244526	38.811	ng	99
67) 4-Bromophenyl-phenylether	16.434	248	836943	36.645	ng	98
68) Hexachlorobenzene	16.545	284	1041776	38.598	ng	98
69) Atrazine	16.710	200	801580	40.371	ng	98
70) Pentachlorophenol	16.886	266	636578	43.212	ng	99
71) Phenanthrene	17.286	178	4037170	38.900	ng	100
72) Anthracene	17.386	178	4048930	39.780	ng	99
73) Carbazole	17.663	167	4000281	40.782	ng	100
74) Di-n-butylphthalate	18.269	149	4970607	41.262	ng	100
75) Fluoranthene	19.380	202	5194506	40.792	ng	99
77) Benzidine	19.569	184	1930085	38.785	ng	100
78) Pyrene	19.757	202	5459889	39.136	ng	100
80) Butylbenzylphthalate	20.704	149	2017988	38.854	ng	100
81) Benzo(a)anthracene	21.674	228	5366288	40.049	ng	100
82) 3,3'-Dichlorobenzidine	21.598	252	1805893	42.036	ng	100
83) Chrysene	21.745	228	5012051	39.619	ng	100
84) Bis(2-ethylhexyl)phtha...	21.639	149	3334437	42.105	ng	100
85) Di-n-octyl phthalate	22.957	149	5348512	39.410	ng	100
87) Indeno(1,2,3-cd)pyrene	28.980	276	6397400m	40.343	ng	
88) Benzo(b)fluoranthene	24.027	252	5711427	40.651	ng	100
89) Benzo(k)fluoranthene	24.110	252	5350924	39.041	ng	100
90) Benzo(a)pyrene	24.945	252	4910929	40.278	ng	99
91) Dibenzo(a,h)anthracene	29.062	278	5348554	40.593	ng	99
92) Benzo(g,h,i)perylene	30.174	276	5342763	40.457	ng	100

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

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