Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139137.D
Acq On : 23 Aug 2024 10:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 23 11:14:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	88455	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318366	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	192264	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	352816	20.000	ng	0.00
76) Chrysene-d12	14.063	240	192153	20.000	ng	0.00
86) Perylene-d12	15.539	264	169503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	459450	79.913	ng	0.00
7) Phenol-d6	6.528	99	608750	81.943	ng	0.00
23) Nitrobenzene-d5	7.463	82	573127	104.898	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	166911	95.896	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	982649	81.091	ng	0.00
79) Terphenyl-d14	13.010	244	1134697	97.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	97469	39.526	ng	98
3) Pyridine	3.452	79	258528	41.256	ng	99
4) n-Nitrosodimethylamine	3.410	42	142071	37.531	ng	100
6) Aniline	6.563	93	279119	41.619	ng	99
8) 2-Chlorophenol	6.687	128	226090	40.885	ng	95
9) Benzaldehyde	6.451	77	178177	40.895	ng	99
10) Phenol	6.540	94	318056	41.147	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	226669	36.464	ng	99
12) 1,3-Dichlorobenzene	6.840	146	266316	40.055	ng	100
13) 1,4-Dichlorobenzene	6.916	146	268235	40.350	ng	99
14) 1,2-Dichlorobenzene	7.069	146	252428	41.548	ng	99
15) Benzyl Alcohol	7.040	79	241257	41.090	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	331401	37.846	ng	99
17) 2-Methylphenol	7.146	107	192530	40.696	ng	99
18) Hexachloroethane	7.410	117	95329	40.894	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	186968	38.324	ng	99
20) 3+4-Methylphenols	7.298	107	252725	41.231	ng	98
22) Acetophenone	7.310	105	336867	41.441	ng	97
24) Nitrobenzene	7.481	77	295545	48.665	ng	99
25) Isophorone	7.716	82	486146	41.863	ng	100
26) 2-Nitrophenol	7.798	139	113043	52.752	ng	97
27) 2,4-Dimethylphenol	7.828	122	152390	41.382	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	276553	40.757	ng	99
29) 2,4-Dichlorophenol	8.034	162	197324	43.012	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	224061	41.710	ng	99
31) Naphthalene	8.204	128	680017	42.150	ng	100
32) Benzoic acid	7.934	122	156644m	50.544	ng	
33) 4-Chloroaniline	8.251	127	235610	42.642	ng	99
34) Hexachlorobutadiene	8.322	225	147679	42.084	ng	99
35) Caprolactam	8.622	113	66356m	45.621	ng	
36) 4-Chloro-3-methylphenol	8.728	107	224271	44.151	ng	100
37) 2-Methylnaphthalene	8.892	142	437157	42.245	ng	99
38) 1-Methylnaphthalene	8.992	142	430745	43.129	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	223659	42.419	ng	99
41) Hexachlorocyclopentadiene	9.045	237	91550	45.254	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	152845	43.029	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	161011	44.160	ng		97
46) 1,1'-Biphenyl	9.357	154	554229	42.081	ng		99
47) 2-Chloronaphthalene	9.381	162	436049	40.747	ng		99
48) 2-Nitroaniline	9.475	65	155887	50.492	ng		99
49) Acenaphthylene	9.798	152	640577	41.786	ng		100
50) Dimethylphthalate	9.657	163	507153	42.727	ng		100
51) 2,6-Dinitrotoluene	9.722	165	118979	49.788	ng		91
52) Acenaphthene	9.969	154	432345	42.695	ng		99
53) 3-Nitroaniline	9.887	138	117783	48.815	ng	#	97
54) 2,4-Dinitrophenol	9.987	184	56397	62.464	ng		99
55) Dibenzofuran	10.145	168	615148	41.823	ng		99
56) 4-Nitrophenol	10.039	139	94717	52.791	ng		98
57) 2,4-Dinitrotoluene	10.122	165	159393	52.778	ng		93
58) Fluorene	10.486	166	494711	42.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	139283	47.577	ng		99
60) Diethylphthalate	10.357	149	504213	42.872	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	248375	42.308	ng		98
62) 4-Nitroaniline	10.498	138	120610	49.389	ng		96
63) Azobenzene	10.639	77	548811	41.992	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	80278	58.664	ng		92
66) n-Nitrosodiphenylamine	10.598	169	419357	40.170	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	155175	41.507	ng		98
68) Hexachlorobenzene	11.028	284	168720	42.066	ng		99
69) Atrazine	11.122	200	126934	39.812	ng		99
70) Pentachlorophenol	11.222	266	119513	46.648	ng		98
71) Phenanthrene	11.451	178	731725	40.803	ng		100
72) Anthracene	11.498	178	721276	41.127	ng		100
73) Carbazole	11.651	167	667814	40.779	ng		100
74) Di-n-butylphthalate	11.986	149	782772	41.222	ng		100
75) Fluoranthene	12.633	202	777367	40.614	ng		100
77) Benzidine	12.757	184	235290	59.279	ng		99
78) Pyrene	12.863	202	776665	48.434	ng		100
80) Butylbenzylphthalate	13.486	149	277871	50.088	ng		100
81) Benzo(a)anthracene	14.051	228	520968	41.244	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	156134	44.221	ng		98
83) Chrysene	14.086	228	481314	42.039	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	341131	46.383	ng		100
85) Di-n-octyl phthalate	14.663	149	432812	41.930	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	497665	50.166	ng		99
88) Benzo(b)fluoranthene	15.104	252	445144	40.283	ng		100
89) Benzo(k)fluoranthene	15.133	252	358113	38.910	ng		99
90) Benzo(a)pyrene	15.474	252	358196	41.022	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	408239	50.131	ng		99
92) Benzo(g,h,i)perylene	17.480	276	420830	45.393	ng		99

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

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