Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140221.D
Acq On : 04 Nov 2024 16:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Nov 04 16:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 16:40:41 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	195064	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	712534	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	416047	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	731885	20.000	ng		0.00
76) Chrysene-d12	14.057	240	434349	20.000	ng		0.00
86) Perylene-d12	15.545	264	422017	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1658839	144.099	ng		0.00
7) Phenol-d6	6.516	99	2122150	143.668	ng		0.01
23) Nitrobenzene-d5	7.451	82	2039562	144.807	ng		0.01
42) 2,4,6-Tribromophenol	10.716	330	757037	165.030	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	3707763	139.298	ng		0.00
79) Terphenyl-d14	12.998	244	4142148	152.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	376430	74.080	ng		96
3) Pyridine	3.422	79	909522	72.869	ng		98
4) n-Nitrosodimethylamine	3.399	42	497662	71.177	ng		94
6) Aniline	6.545	93	882231m	68.427	ng		
8) 2-Chlorophenol	6.669	128	887619	73.150	ng		97
10) Phenol	6.528	94	1116536	71.070	ng		96
11) bis(2-Chloroethyl)ether	6.622	93	876423	72.562	ng		98
12) 1,3-Dichlorobenzene	6.822	146	1029281	71.844	ng		99
13) 1,4-Dichlorobenzene	6.898	146	1039579	71.831	ng		100
14) 1,2-Dichlorobenzene	7.057	146	960866	71.043	ng		99
15) Benzyl Alcohol	7.022	79	827882	71.554	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1173678	67.517	ng		97
17) 2-Methylphenol	7.134	107	734175	74.753	ng		99
18) Hexachloroethane	7.392	117	392092	72.770	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	669549	69.421	ng		96
20) 3+4-Methylphenols	7.287	107	876767	69.379	ng		96
22) Acetophenone	7.292	105	1237404	70.856	ng	#	97
24) Nitrobenzene	7.469	77	1063017	72.295	ng		99
25) Isophorone	7.704	82	1762594	73.667	ng		99
26) 2-Nitrophenol	7.781	139	463999	80.406	ng		96
27) 2,4-Dimethylphenol	7.810	122	599283	75.827	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	1049716	72.815	ng		99
29) 2,4-Dichlorophenol	8.022	162	761176	76.158	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	900601	73.390	ng		99
31) Naphthalene	8.187	128	2570520	71.560	ng		99
32) Benzoic acid	7.957	122	595010	94.684	ng		98
33) 4-Chloroaniline	8.234	127	877878	73.738	ng		98
34) Hexachlorobutadiene	8.298	225	636699	74.765	ng		99
35) Caprolactam	8.628	113	229085m	77.242	ng		
36) 4-Chloro-3-methylphenol	8.716	107	811645	74.569	ng		99
37) 2-Methylnaphthalene	8.875	142	1717717	71.656	ng		99
38) 1-Methylnaphthalene	8.975	142	1676832	71.464	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	952949	74.210	ng		99
41) Hexachlorocyclopentadiene	9.028	237	288788	82.001	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	594475	75.815	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	641711	78.328	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	2133867	70.660	ng	99
47) 2-Chloronaphthalene	9.369	162	1644633	71.776	ng	100
48) 2-Nitroaniline	9.463	65	529825	74.390	ng	94
49) Acenaphthylene	9.781	152	2298128	71.262	ng	99
50) Dimethylphthalate	9.651	163	1884245	73.852	ng	100
51) 2,6-Dinitrotoluene	9.710	165	456892	75.148	ng	92
52) Acenaphthene	9.957	154	1696026	73.783	ng	99
53) 3-Nitroaniline	9.880	138	406625	73.295	ng	96
54) 2,4-Dinitrophenol	9.980	184	243044	79.540	ng	98
55) Dibenzofuran	10.128	168	2266151	69.793	ng	99
56) 4-Nitrophenol	10.033	139	338203	82.386	ng	95
57) 2,4-Dinitrotoluene	10.116	165	602519	75.704	ng	98
58) Fluorene	10.475	166	1838637	70.811	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	530604	78.170	ng	98
60) Diethylphthalate	10.345	149	1872180	72.032	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	963000	72.077	ng	97
62) 4-Nitroaniline	10.498	138	425447	75.433	ng	98
63) Azobenzene	10.622	77	1817894	68.975	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	339453	88.581	ng	99
66) n-Nitrosodiphenylamine	10.586	169	1570477	74.496	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	638916	77.518	ng	99
68) Hexachlorobenzene	11.022	284	723508	77.783	ng	97
69) Atrazine	11.110	200	418645	70.983	ng	100
70) Pentachlorophenol	11.210	266	437642	88.348	ng	99
71) Phenanthrene	11.433	178	2546920	71.587	ng	99
72) Anthracene	11.486	178	2487522	71.344	ng	99
73) Carbazole	11.639	167	2253161	71.252	ng	99
74) Di-n-butylphthalate	11.969	149	2672580	72.061	ng	99
75) Fluoranthene	12.627	202	2699405	70.835	ng	99
77) Benzidine	12.745	184	479330	63.619	ng	100
78) Pyrene	12.857	202	2680822	75.156	ng	99
80) Butylbenzylphthalate	13.469	149	988796	79.038	ng	99
81) Benzo(a)anthracene	14.045	228	2126674	74.650	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	676713	78.732	ng	100
83) Chrysene	14.086	228	2016442	76.948	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	1342060	77.133	ng	99
85) Di-n-octyl phthalate	14.651	149	2031295	78.726	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	2221777	83.643	ng	99
88) Benzo(b)fluoranthene	15.110	252	2141459	80.449	ng	100
89) Benzo(k)fluoranthene	15.139	252	1642761	69.254	ng	99
90) Benzo(a)pyrene	15.486	252	1663032	77.514	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1791827	82.828	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1835193	83.083	ng	99

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

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