Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
Data File : BF138390.D
Acq On : 28 Jun 2024 15:59
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:38:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:31:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	185548	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	725884	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	383781	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	604711	20.000	ng	0.00
76) Chrysene-d12	14.027	240	236325	20.000	ng	0.00
86) Perylene-d12	15.492	264	309355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1228696	109.789	ng	0.00
7) Phenol-d6	6.522	99	1666501	110.541	ng	0.00
23) Nitrobenzene-d5	7.451	82	1624100	116.228	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	357426	113.992	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2468273	102.354	ng	0.00
79) Terphenyl-d14	12.980	244	1900015	110.179	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	304757	57.812	ng	100
3) Pyridine	3.428	79	763285	60.694	ng	98
4) n-Nitrosodimethylamine	3.410	42	465678	59.354	ng	100
6) Aniline	6.551	93	845890	57.496	ng	97
8) 2-Chlorophenol	6.669	128	668816	55.669	ng	98
9) Benzaldehyde	6.434	77	478949	51.472	ng	99
10) Phenol	6.534	94	886912	55.218	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	717840	56.904	ng	99
12) 1,3-Dichlorobenzene	6.822	146	755636	54.921	ng	97
13) 1,4-Dichlorobenzene	6.898	146	759682	55.067	ng	98
14) 1,2-Dichlorobenzene	7.051	146	679377	53.345	ng	98
15) Benzyl Alcohol	7.028	79	599631	55.531	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1419544	55.789	ng	94
17) 2-Methylphenol	7.140	107	568275	57.072	ng	97
18) Hexachloroethane	7.387	117	284567	57.188	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	521695	54.892	ng	96
20) 3+4-Methylphenols	7.293	107	633150	54.727	ng	97
22) Acetophenone	7.293	105	905909	55.011	ng	98
24) Nitrobenzene	7.469	77	816672	57.462	ng	99
25) Isophorone	7.704	82	1490183	57.836	ng	99
26) 2-Nitrophenol	7.781	139	384204	62.673	ng	94
27) 2,4-Dimethylphenol	7.816	122	462500	58.949	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	883153	56.946	ng	99
29) 2,4-Dichlorophenol	8.022	162	572367	56.800	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	656434	56.026	ng	99
31) Naphthalene	8.187	128	2012713	54.849	ng	99
32) Benzoic acid	7.975	122	457096	62.634	ng	95
33) 4-Chloroaniline	8.234	127	739594	57.709	ng	98
34) Hexachlorobutadiene	8.292	225	387963	55.151	ng	99
35) Caprolactam	8.634	113	188866	59.353	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	604162	56.287	ng	97
37) 2-Methylnaphthalene	8.875	142	1281205	54.022	ng	98
38) 1-Methylnaphthalene	8.975	142	1233847	53.645	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	588021	55.393	ng	99
41) Hexachlorocyclopentadiene	9.022	237	205857	65.881	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	393425	58.245	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	420944	57.301	ng		98
46) 1,1'-Biphenyl	9.339	154	1549285	54.066	ng		99
47) 2-Chloronaphthalene	9.363	162	1220569	55.865	ng		98
48) 2-Nitroaniline	9.463	65	435966	61.860	ng		97
49) Acenaphthylene	9.781	152	1696921	55.226	ng		100
50) Dimethylphthalate	9.645	163	1398069	56.682	ng		99
51) 2,6-Dinitrotoluene	9.704	165	320466	58.013	ng		98
52) Acenaphthene	9.951	154	1187973m	56.463	ng		
53) 3-Nitroaniline	9.875	138	323275	59.253	ng		98
54) 2,4-Dinitrophenol	9.975	184	140206	62.239	ng		95
55) Dibenzofuran	10.122	168	1561162	53.854	ng		99
56) 4-Nitrophenol	10.039	139	229041	64.748	ng		100
57) 2,4-Dinitrotoluene	10.104	165	408390	60.043	ng		99
58) Fluorene	10.463	166	1175395	51.028	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	319445	58.545	ng		100
60) Diethylphthalate	10.339	149	1283664	55.665	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	605586	51.817	ng		98
62) 4-Nitroaniline	10.492	138	307580	61.421	ng		98
63) Azobenzene	10.616	77	1360227	55.853	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	207898	62.250	ng		99
66) n-Nitrosodiphenylamine	10.575	169	1049777	55.919	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	362197	55.724	ng		92
68) Hexachlorobenzene	11.010	284	398602	55.638	ng		94
69) Atrazine	11.098	200	278154	52.845	ng		99
70) Pentachlorophenol	11.198	266	241083	66.467	ng		99
71) Phenanthrene	11.422	178	1642760	55.640	ng		99
72) Anthracene	11.475	178	1627638	55.279	ng		99
73) Carbazole	11.628	167	1396470	57.128	ng		99
74) Di-n-butylphthalate	11.957	149	1777405	57.375	ng		100
75) Fluoranthene	12.610	202	1499443	56.649	ng		99
77) Benzidine	12.727	184	158936	84.104	ng		99
78) Pyrene	12.839	202	1433323	56.747	ng		99
80) Butylbenzylphthalate	13.451	149	472822	61.518	ng		99
81) Benzo(a)anthracene	14.022	228	888330	58.400	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	276160	61.492	ng	#	98
83) Chrysene	14.057	228	855297	57.785	ng		98
84) Bis(2-ethylhexyl)phtha...	14.004	149	581722	60.352	ng		98
85) Di-n-octyl phthalate	14.616	149	1023297	60.653	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	986979	63.497	ng		99
88) Benzo(b)fluoranthene	15.069	252	941797	55.487	ng		98
89) Benzo(k)fluoranthene	15.098	252	925099	59.174	ng		99
90) Benzo(a)pyrene	15.439	252	871081	58.552	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	802287	63.943	ng		99
92) Benzo(g,h,i)perylene	17.421	276	778999	63.466	ng		99

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

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