Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
Data File : BF137362.D
Acq On : 12 Feb 2024 17:57
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 13 02:22:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 13 02:09:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	208467	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	813778	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	420723	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	687106	20.000	ng		0.00
76) Chrysene-d12	13.974	240	374615	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	426781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2045124	147.047	ng		0.00
7) Phenol-d6	6.439	99	2799819	144.136	ng		0.02
23) Nitrobenzene-d5	7.363	82	2509292	158.274	ng		0.01
42) 2,4,6-Tribromophenol	10.621	330	642514	166.304	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	3752545	132.131	ng		0.00
79) Terphenyl-d14	12.915	244	3836998	146.599	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	567877	77.348	ng		98
3) Pyridine	3.287	79	1389522	86.872	ng		98
4) n-Nitrosodimethylamine	3.269	42	554264	79.521	ng		96
6) Aniline	6.463	93	1439618	79.419	ng		100
8) 2-Chlorophenol	6.581	128	1044435	71.499	ng		97
9) Benzaldehyde	6.339	77	713511	70.070	ng		98
10) Phenol	6.451	94	1496733	71.784	ng		88
11) bis(2-Chloroethyl)ether	6.534	93	1209972	76.824	ng		99
12) 1,3-Dichlorobenzene	6.728	146	1226004	73.296	ng		98
13) 1,4-Dichlorobenzene	6.804	146	1231297	71.468	ng		98
14) 1,2-Dichlorobenzene	6.957	146	1068475	67.851	ng		100
15) Benzyl Alcohol	6.939	79	791844	73.351	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1696953	70.795	ng		97
17) 2-Methylphenol	7.051	107	950361	76.613	ng		95
18) Hexachloroethane	7.292	117	430953	71.451	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	854508	77.155	ng		96
20) 3+4-Methylphenols	7.210	107	970745	67.062	ng	#	83
22) Acetophenone	7.204	105	1437152	72.553	ng	#	99
24) Nitrobenzene	7.381	77	1319416	79.332	ng		100
25) Isophorone	7.616	82	2646072	78.899	ng		99
26) 2-Nitrophenol	7.686	139	567041	89.721	ng		97
27) 2,4-Dimethylphenol	7.728	122	728638	80.393	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	1489494	78.089	ng		98
29) 2,4-Dichlorophenol	7.928	162	928160	79.118	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	1019606	75.608	ng		99
31) Naphthalene	8.092	128	3067465	69.802	ng		99
32) Benzoic acid	7.898	122	683114m	80.486	ng		
33) 4-Chloroaniline	8.145	127	1122411	78.881	ng		98
34) Hexachlorobutadiene	8.204	225	619270	76.235	ng		98
35) Caprolactam	8.551	113	287406m	83.026	ng		
36) 4-Chloro-3-methylphenol	8.633	107	996543	78.155	ng		99
37) 2-Methylnaphthalene	8.780	142	1901566	70.510	ng		99
38) 1-Methylnaphthalene	8.880	142	1852292	69.758	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	961816	75.826	ng		99
41) Hexachlorocyclopentadiene	8.927	237	382623	81.212	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	645544	79.592	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.104	196	693763	77.978	ng		95
46)	1,1'-Biphenyl	9.251	154	2243998	68.605	ng		98
47)	2-Chloronaphthalene	9.274	162	1891459	72.262	ng		99
48)	2-Nitroaniline	9.374	65	562564	79.827	ng		98
49)	Acenaphthylene	9.686	152	2687830	70.275	ng		99
50)	Dimethylphthalate	9.563	163	2296437	76.070	ng		98
51)	2,6-Dinitrotoluene	9.622	165	500789	82.947	ng		93
52)	Acenaphthene	9.863	154	1665596	70.568	ng		99
53)	3-Nitroaniline	9.792	138	483004	79.311	ng		97
54)	2,4-Dinitrophenol	9.892	184	235735	80.220	ng		91
55)	Dibenzofuran	10.033	168	2433570	69.586	ng		100
56)	4-Nitrophenol	9.951	139	345278	78.635	ng		99
57)	2,4-Dinitrotoluene	10.022	165	587443	76.934	ng	#	83
58)	Fluorene	10.380	166	1782316	65.933	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.151	232	542842	76.486	ng		93
60)	Diethylphthalate	10.263	149	2115196	74.534	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	936944	69.869	ng		97
62)	4-Nitroaniline	10.416	138	379741	77.994	ng		94
63)	Azobenzene	10.533	77	2230208	71.391	ng		98
65)	4,6-Dinitro-2-methylph...	10.433	198	321434	80.236	ng		98
66)	n-Nitrosodiphenylamine	10.498	169	1671444	77.063	ng		99
67)	4-Bromophenyl-phenylether	10.863	248	629359	81.448	ng		97
68)	Hexachlorobenzene	10.921	284	690907	79.122	ng		97
69)	Atrazine	11.021	200	323078	66.431	ng		99
70)	Pentachlorophenol	11.116	266	409661	86.347	ng		99
71)	Phenanthrene	11.345	178	2637465	71.311	ng		100
72)	Anthracene	11.392	178	2701956	73.398	ng		99
73)	Carbazole	11.551	167	2352295	74.014	ng		98
74)	Di-n-butylphthalate	11.892	149	2879824	86.780	ng		100
75)	Fluoranthene	12.533	202	2556300	70.994	ng		97
77)	Benzidine	12.668	184	138158m	116.866	ng		
78)	Pyrene	12.763	202	2582655	75.171	ng		99
80)	Butylbenzylphthalate	13.398	149	476880	78.710	ng		97
81)	Benzo(a)anthracene	13.962	228	2083006	79.933	ng		100
82)	3,3'-Dichlorobenzidine	13.933	252	518412	80.589	ng		95
83)	Chrysene	13.998	228	2087262	78.303	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.962	149	671371	78.959	ng		99
85)	Di-n-octyl phthalate	14.586	149	1439515	79.458	ng		94
87)	Indeno(1,2,3-cd)pyrene	16.962	276	2228538	87.369	ng		99
88)	Benzo(b)fluoranthene	15.021	252	2242986	80.215	ng		100
89)	Benzo(k)fluoranthene	15.056	252	1955526	73.511	ng		98
90)	Benzo(a)pyrene	15.392	252	1892536	81.005	ng		99
91)	Dibenzo(a,h)anthracene	16.986	278	1795409	88.150	ng		99
92)	Benzo(g,h,i)perylene	17.427	276	1871885	87.610	ng		98

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

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