Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
Data File : BF137360.D
Acq On : 12 Feb 2024 16:59
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 13 02:20:06 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 :
SSTDICC050

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	198525	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	801582	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	421756	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	711100	20.000	ng	0.00
76) Chrysene-d12	13.968	240	401204	20.000	ng	0.00
86) Perylene-d12	15.451	264	411043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1333204	100.659	ng	0.00
7) Phenol-d6	6.428	99	1807815	97.728	ng	0.00
23) Nitrobenzene-d5	7.351	82	1609965	103.094	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	405213	104.626	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2601551	91.379	ng	0.00
79) Terphenyl-d14	12.915	244	2763779	98.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	349650	50.009	ng	98
3) Pyridine	3.281	79	816019	53.572	ng	98
4) n-Nitrosodimethylamine	3.251	42	323099	50.622	ng	99
6) Aniline	6.457	93	908801	52.646	ng	99
8) 2-Chlorophenol	6.575	128	695483	49.995	ng	96
9) Benzaldehyde	6.339	77	484783	49.992	ng	98
10) Phenol	6.439	94	990966	49.908	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	733320	48.892	ng	99
12) 1,3-Dichlorobenzene	6.728	146	786790	49.394	ng	96
13) 1,4-Dichlorobenzene	6.804	146	797165	48.587	ng	99
14) 1,2-Dichlorobenzene	6.957	146	714792	47.665	ng	98
15) Benzyl Alcohol	6.928	79	540027	52.529	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1122564	49.178	ng	99
17) 2-Methylphenol	7.045	107	601161	50.890	ng	98
18) Hexachloroethane	7.292	117	281612	49.029	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	539510	51.153	ng	95
20) 3+4-Methylphenols	7.198	107	684369	49.646	ng	95
22) Acetophenone	7.198	105	933803	47.859	ng	99
24) Nitrobenzene	7.369	77	849194	51.836	ng	97
25) Isophorone	7.610	82	1631418	49.385	ng	98
26) 2-Nitrophenol	7.681	139	341948	54.929	ng	99
27) 2,4-Dimethylphenol	7.722	122	456719	51.158	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	945542	50.326	ng	99
29) 2,4-Dichlorophenol	7.922	162	587987	50.883	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	652554	49.126	ng	99
31) Naphthalene	8.086	128	2073174	47.894	ng	100
32) Benzoic acid	7.863	122	346699	50.914	ng	97
33) 4-Chloroaniline	8.139	127	753128	53.733	ng	98
34) Hexachlorobutadiene	8.204	225	392208	49.017	ng	98
35) Caprolactam	8.528	113	178010	52.206	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	639683	50.931	ng	99
37) 2-Methylnaphthalene	8.775	142	1277585	48.094	ng	99
38) 1-Methylnaphthalene	8.875	142	1259771	48.165	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	623811	49.058	ng	100
41) Hexachlorocyclopentadiene	8.928	237	222378	49.530	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	415542	51.108	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.098	196	463927	52.017	ng		94
46)	1,1'-Biphenyl	9.245	154	1568683	47.841	ng		100
47)	2-Chloronaphthalene	9.269	162	1271161	48.445	ng		99
48)	2-Nitroaniline	9.369	65	346755	50.744	ng		95
49)	Acenaphthylene	9.686	152	1838678	47.955	ng		99
50)	Dimethylphthalate	9.551	163	1476743	48.798	ng		98
51)	2,6-Dinitrotoluene	9.616	165	321110	53.056	ng		91
52)	Acenaphthene	9.857	154	1123318	47.476	ng		98
53)	3-Nitroaniline	9.786	138	301108	50.452	ng		96
54)	2,4-Dinitrophenol	9.886	184	136277	50.140	ng		89
55)	Dibenzofuran	10.027	168	1705881	48.659	ng		99
56)	4-Nitrophenol	9.945	139	210131	50.362	ng		97
57)	2,4-Dinitrotoluene	10.016	165	391641	51.355	ng		90
58)	Fluorene	10.374	166	1260088	46.500	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.145	232	358045m	50.324	ng		
60)	Diethylphthalate	10.257	149	1403472	49.333	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	634709	47.215	ng		99
62)	4-Nitroaniline	10.404	138	236720	49.829	ng		96
63)	Azobenzene	10.527	77	1544995	49.336	ng		98
65)	4,6-Dinitro-2-methylph...	10.427	198	198526	50.191	ng		91
66)	n-Nitrosodiphenylamine	10.492	169	1114743	49.662	ng		99
67)	4-Bromophenyl-phenylether	10.863	248	403776	50.491	ng		94
68)	Hexachlorobenzene	10.921	284	450768	49.880	ng	#	92
69)	Atrazine	11.021	200	257760	51.212	ng		98
70)	Pentachlorophenol	11.116	266	270304	55.051	ng		99
71)	Phenanthrene	11.339	178	1851724	48.377	ng		99
72)	Anthracene	11.392	178	1883115	49.428	ng		99
73)	Carbazole	11.551	167	1654041	50.288	ng		99
74)	Di-n-butylphthalate	11.886	149	1912452	55.685	ng		100
75)	Fluoranthene	12.533	202	1814802	48.701	ng		99
77)	Benzidine	12.668	184	84045m	66.381	ng		
78)	Pyrene	12.763	202	1845414	50.153	ng		99
80)	Butylbenzylphthalate	13.398	149	256351	50.099	ng		98
81)	Benzo(a)anthracene	13.957	228	1410744	50.548	ng		99
82)	3,3'-Dichlorobenzidine	13.927	252	312628	49.344	ng		99
83)	Chrysene	13.998	228	1421136	49.780	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.962	149	383072	50.677	ng		99
85)	Di-n-octyl phthalate	14.580	149	715763	50.232	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.951	276	1309403	53.300	ng		99
88)	Benzo(b)fluoranthene	15.015	252	1344441	49.922	ng		99
89)	Benzo(k)fluoranthene	15.051	252	1240952	48.435	ng		98
90)	Benzo(a)pyrene	15.392	252	1145739	50.918	ng		99
91)	Dibenzo(a,h)anthracene	16.974	278	1050687	53.561	ng		99
92)	Benzo(g,h,i)perylene	17.409	276	1069648	51.980	ng		99

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

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