Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133959.D
Acq On : 26 Jun 2023 18:47
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 26 23:07:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 22:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	116719	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	415345	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	208721	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	414540	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217263	20.000	ng	0.00
86) Perylene-d12	15.545	264	222512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	784331	112.407	ng	0.00
7) Phenol-d6	6.498	99	964339	112.380	ng	0.00
23) Nitrobenzene-d5	7.422	82	920153	119.422	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	304770	116.460	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1583598	110.309	ng	0.00
79) Terphenyl-d14	12.986	244	1633405	120.998	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	167544	58.234	ng	99
3) Pyridine	3.416	79	459645	61.131	ng	98
4) n-Nitrosodimethylamine	3.393	42	264913	61.894	ng	97
6) Aniline	6.528	93	598403	57.307	ng	100
8) 2-Chlorophenol	6.645	128	392298	55.385	ng	95
9) Benzaldehyde	6.410	77	251839	62.038	ng	97
10) Phenol	6.510	94	499860	55.402	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	378557	56.991	ng	99
12) 1,3-Dichlorobenzene	6.798	146	429059	56.818	ng	96
13) 1,4-Dichlorobenzene	6.869	146	430939	56.500	ng	98
14) 1,2-Dichlorobenzene	7.028	146	394778	55.266	ng	98
15) Benzyl Alcohol	6.998	79	379617	57.385	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	664550	56.551	ng	99
17) 2-Methylphenol	7.110	107	356380	56.187	ng	97
18) Hexachloroethane	7.363	117	162248	57.370	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	297367	54.645	ng	100
20) 3+4-Methylphenols	7.263	107	420161	54.603	ng	90
22) Acetophenone	7.269	105	533128	56.440	ng	99
24) Nitrobenzene	7.439	77	466861	59.960	ng	94
25) Isophorone	7.675	82	831700	59.393	ng	98
26) 2-Nitrophenol	7.751	139	225985	60.502	ng	93
27) 2,4-Dimethylphenol	7.792	122	344298	58.233	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	465936	57.463	ng	99
29) 2,4-Dichlorophenol	7.992	162	340945	58.153	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	356092	58.862	ng	99
31) Naphthalene	8.157	128	1150728	57.357	ng	99
32) Benzoic acid	7.928	122	283269m	65.199	ng	
33) 4-Chloroaniline	8.210	127	499877	58.247	ng	98
34) Hexachlorobutadiene	8.269	225	224064	58.715	ng	99
35) Caprolactam	8.598	113	116579	60.390	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	385941	58.597	ng	100
37) 2-Methylnaphthalene	8.845	142	797206	56.191	ng	100
38) 1-Methylnaphthalene	8.945	142	745307	56.509	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	359458	58.130	ng	99
41) Hexachlorocyclopentadiene	8.998	237	193831	66.071	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	246624	58.587	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	292482	59.069	ng		97
46)	1,1'-Biphenyl	9.316	154	955258	57.055	ng		98
47)	2-Chloronaphthalene	9.339	162	703274	57.409	ng		98
48)	2-Nitroaniline	9.439	65	270736	60.641	ng		98
49)	Acenaphthylene	9.757	152	1195218	57.116	ng		100
50)	Dimethylphthalate	9.622	163	881908	58.207	ng		100
51)	2,6-Dinitrotoluene	9.680	165	197317	60.466	ng	#	85
52)	Acenaphthene	9.927	154	702729	57.873	ng		99
53)	3-Nitroaniline	9.857	138	234365	59.865	ng		96
54)	2,4-Dinitrophenol	9.963	184	120321	64.625	ng		95
55)	Dibenzofuran	10.098	168	1064882	56.114	ng		97
56)	4-Nitrophenol	10.016	139	170417	62.232	ng		96
57)	2,4-Dinitrotoluene	10.092	165	255148	59.204	ng		94
58)	Fluorene	10.445	166	825647	55.923	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.222	232	232746	59.590	ng		98
60)	Diethylphthalate	10.316	149	906406	57.422	ng		97
61)	4-Chlorophenyl-phenyle...	10.433	204	399771	56.187	ng		94
62)	4-Nitroaniline	10.475	138	236762	60.010	ng		96
63)	Azobenzene	10.598	77	860233	57.612	ng		97
65)	4,6-Dinitro-2-methylph...	10.504	198	148206	65.577	ng		98
66)	n-Nitrosodiphenylamine	10.557	169	750313	56.650	ng		98
67)	4-Bromophenyl-phenylether	10.927	248	252818	57.379	ng		94
68)	Hexachlorobenzene	10.992	284	275891	58.974	ng		98
69)	Atrazine	11.086	200	208175	56.823	ng		98
70)	Pentachlorophenol	11.186	266	170583	60.984	ng		97
71)	Phenanthrene	11.410	178	1182887	56.683	ng		99
72)	Anthracene	11.463	178	1229139	56.627	ng		100
73)	Carbazole	11.621	167	1121871	56.468	ng		98
74)	Di-n-butylphthalate	11.951	149	1347856	57.049	ng		99
75)	Fluoranthene	12.610	202	1258196	55.769	ng		98
77)	Benzidine	12.727	184	267259	51.698	ng		99
78)	Pyrene	12.839	202	1260659	62.349	ng		99
80)	Butylbenzylphthalate	13.457	149	469390	61.899	ng		96
81)	Benzo(a)anthracene	14.033	228	883750	58.652	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	268725	56.293	ng		99
83)	Chrysene	14.074	228	850993	58.311	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	535762	61.486	ng		100
85)	Di-n-octyl phthalate	14.645	149	823554	64.323	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.098	276	993029	64.315	ng		99
88)	Benzo(b)fluoranthene	15.104	252	743760	56.846	ng		98
89)	Benzo(k)fluoranthene	15.139	252	771681	57.928	ng		98
90)	Benzo(a)pyrene	15.486	252	749975	59.277	ng		99
91)	Dibenzo(a,h)anthracene	17.121	278	801030	63.517	ng		98
92)	Benzo(g,h,i)perylene	17.574	276	832374	64.003	ng		99

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

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