Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132818.D
Acq On : 16 Mar 2023 17:56
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 17 03:29:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:14:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	205257	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	709643	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	369311	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	686349	20.000	ng		0.00
76) Chrysene-d12	14.157	240	429059	20.000	ng		0.00
86) Perylene-d12	15.680	264	397312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	1329797	109.321	ng		0.00
7) Phenol-d6	6.604	99	1661469	105.231	ng		0.00
23) Nitrobenzene-d5	7.539	82	1598641	115.284	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	455186	115.944	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	2337683	103.980	ng		0.00
79) Terphenyl-d14	13.086	244	2645683	111.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	398746	58.162	ng		98
3) Pyridine	3.581	79	1087655	64.468	ng		99
4) n-Nitrosodimethylamine	3.557	42	392960	62.738	ng		95
6) Aniline	6.639	93	1043487	57.537	ng		99
8) 2-Chlorophenol	6.757	128	701591	54.051	ng		97
9) Benzaldehyde	6.516	77	268976	41.398	ng		99
10) Phenol	6.622	94	944243	52.644	ng		98
11) bis(2-Chloroethyl)ether	6.704	93	996015	60.044	ng		99
12) 1,3-Dichlorobenzene	6.904	146	766341	54.474	ng		98
13) 1,4-Dichlorobenzene	6.981	146	751026	53.488	ng		99
14) 1,2-Dichlorobenzene	7.139	146	677691	52.896	ng		99
15) Benzyl Alcohol	7.110	79	556239	60.912	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	872248	54.043	ng		96
17) 2-Methylphenol	7.222	107	643222	54.529	ng		96
18) Hexachloroethane	7.475	117	305831	56.918	ng		99
19) n-Nitroso-di-n-propyla...	7.386	70	457419	50.776	ng		97
20) 3+4-Methylphenols	7.375	107	672545	47.352	ng		98
22) Acetophenone	7.381	105	871759	51.450	ng	#	97
24) Nitrobenzene	7.557	77	858029	57.233	ng		98
25) Isophorone	7.792	82	1584166	58.113	ng		100
26) 2-Nitrophenol	7.869	139	397823	56.968	ng		98
27) 2,4-Dimethylphenol	7.904	122	568430	52.539	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	919471	56.156	ng		99
29) 2,4-Dichlorophenol	8.110	162	633590	56.564	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	666265	55.612	ng		99
31) Naphthalene	8.275	128	1860116	52.249	ng		99
32) Benzoic acid	8.057	122	432499m	61.270	ng		
33) 4-Chloroaniline	8.328	127	915586m	59.135	ng		
34) Hexachlorobutadiene	8.381	225	425543	55.983	ng		98
35) Caprolactam	8.716	113	205764m	59.918	ng		
36) 4-Chloro-3-methylphenol	8.810	107	650663	57.115	ng		100
37) 2-Methylnaphthalene	8.963	142	1196330	50.109	ng		99
38) 1-Methylnaphthalene	9.063	142	1165000	51.827	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	661028	54.562	ng		99
41) Hexachlorocyclopentadiene	9.110	237	330529	57.836	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	452511	57.364	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	538767	58.662	ng		99
46)	1,1'-Biphenyl	9.428	154	1461829	53.355	ng		98
47)	2-Chloronaphthalene	9.457	162	1193764	55.027	ng		99
48)	2-Nitroaniline	9.557	65	409368	57.458	ng		98
49)	Acenaphthylene	9.875	152	1700271	51.000	ng		100
50)	Dimethylphthalate	9.727	163	1440854	54.416	ng		100
51)	2,6-Dinitrotoluene	9.798	165	335183	57.249	ng		95
52)	Acenaphthene	10.045	154	1059005	52.771	ng		99
53)	3-Nitroaniline	9.975	138	379136	57.929	ng		99
54)	2,4-Dinitrophenol	10.080	184	201147	62.605	ng		97
55)	Dibenzofuran	10.216	168	1586443	51.427	ng		98
56)	4-Nitrophenol	10.139	139	264332	67.742	ng		98
57)	2,4-Dinitrotoluene	10.204	165	413078	55.232	ng		94
58)	Fluorene	10.563	166	1304498	53.179	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.333	232	379711	57.047	ng		99
60)	Diethylphthalate	10.427	149	1371209	54.646	ng		100
61)	4-Chlorophenyl-phenyle...	10.545	204	698208	54.223	ng		95
62)	4-Nitroaniline	10.592	138	304066	53.132	ng		96
63)	Azobenzene	10.710	77	1450011	56.522	ng		98
65)	4,6-Dinitro-2-methylph...	10.616	198	275560	65.507	ng		97
66)	n-Nitrosodiphenylamine	10.669	169	1184194	55.827	ng		100
67)	4-Bromophenyl-phenylether	11.039	248	460435	58.025	ng		96
68)	Hexachlorobenzene	11.110	284	487621	58.028	ng		97
69)	Atrazine	11.192	200	351539	57.549	ng		100
70)	Pentachlorophenol	11.310	266	245736	69.101	ng		98
71)	Phenanthrene	11.527	178	1862138	53.901	ng		100
72)	Anthracene	11.580	178	1889741	53.398	ng		100
73)	Carbazole	11.739	167	1693318	53.291	ng		99
74)	Di-n-butylphthalate	12.051	149	2116770	55.917	ng		100
75)	Fluoranthene	12.721	202	2032124	54.051	ng		98
77)	Benzidine	12.868	184	161743m	59.529	ng		
78)	Pyrene	12.951	202	2038903	57.177	ng		100
80)	Butylbenzylphthalate	13.557	149	931256	63.836	ng		96
81)	Benzo(a)anthracene	14.145	228	1812275	58.354	ng		99
82)	3,3'-Dichlorobenzidine	14.098	252	433037	53.716	ng		97
83)	Chrysene	14.186	228	1656306	56.438	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1096790	59.789	ng	#	98
85)	Di-n-octyl phthalate	14.727	149	1662589	57.854	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.256	276	1656528	66.512	ng		99
88)	Benzo(b)fluoranthene	15.227	252	1457178	56.226	ng		99
89)	Benzo(k)fluoranthene	15.257	252	1464735	57.834	ng		99
90)	Benzo(a)pyrene	15.615	252	1359122	56.253	ng		99
91)	Dibenzo(a,h)anthracene	17.274	278	1342976	66.075	ng		99
92)	Benzo(g,h,i)perylene	17.745	276	1459517	68.725	ng		98

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

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