Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132819.D
Acq On : 16 Mar 2023 18:29
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 17 03:32:10 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 :
SSTDICC080

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	205557	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	702796	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	370005	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	685984	20.000	ng		0.00
76) Chrysene-d12	14.157	240	382855	20.000	ng		0.00
86) Perylene-d12	15.680	264	376596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	1499541	123.096	ng		0.00
7) Phenol-d6	6.610	99	2026138	128.141	ng		0.01
23) Nitrobenzene-d5	7.539	82	1911100	139.159	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	573272	145.749	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	2823625	125.359	ng		0.00
79) Terphenyl-d14	13.092	244	3320278	156.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	515283	75.051	ng		98
3) Pyridine	3.587	79	1354940	80.194	ng		97
4) n-Nitrosodimethylamine	3.575	42	483000	77.001	ng		95
6) Aniline	6.639	93	1326977	73.061	ng		98
8) 2-Chlorophenol	6.757	128	804498	61.888	ng		98
9) Benzaldehyde	6.522	77	300414	46.170	ng		98
10) Phenol	6.628	94	1123166	62.528	ng		91
11) bis(2-Chloroethyl)ether	6.704	93	1167731	70.294	ng		98
12) 1,3-Dichlorobenzene	6.910	146	911298	64.683	ng		99
13) 1,4-Dichlorobenzene	6.986	146	894031	63.580	ng		99
14) 1,2-Dichlorobenzene	7.139	146	772348	60.197	ng		98
15) Benzyl Alcohol	7.116	79	652939	71.397	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.239	45	974310	60.279	ng		88
17) 2-Methylphenol	7.228	107	754339	63.856	ng	#	90
18) Hexachloroethane	7.475	117	368349	68.453	ng		97
19) n-Nitroso-di-n-propyla...	7.392	70	570553	63.242	ng		97
22) Acetophenone	7.386	105	1055368	62.894	ng	#	97
24) Nitrobenzene	7.563	77	1019861	68.690	ng		98
25) Isophorone	7.792	82	2037852	75.484	ng		99
26) 2-Nitrophenol	7.869	139	498435	72.071	ng		97
27) 2,4-Dimethylphenol	7.904	122	722204	67.403	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	1097962	67.710	ng		100
29) 2,4-Dichlorophenol	8.116	162	769431	69.361	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	810905	68.344	ng		98
31) Naphthalene	8.275	128	2248982	63.788	ng		99
32) Benzoic acid	8.075	122	600798m	81.757	ng		
33) 4-Chloroaniline	8.328	127	1208970m	78.844	ng		
34) Hexachlorobutadiene	8.381	225	531292	70.576	ng		99
35) Caprolactam	8.733	113	256640m	75.461	ng		
36) 4-Chloro-3-methylphenol	8.810	107	789110	69.943	ng		97
37) 2-Methylnaphthalene	8.963	142	1501098	63.488	ng		98
38) 1-Methylnaphthalene	9.063	142	1446694	64.986	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	828849	68.286	ng		99
41) Hexachlorocyclopentadiene	9.110	237	470165	80.238	ng		100
43) 2,4,6-Trichlorophenol	9.245	196	564140	71.381	ng		100
44) 2,4,5-Trichlorophenol	9.292	196	668065	72.603	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.433	154	1816375	66.171	ng		97
47) 2-Chloronaphthalene	9.457	162	1498973	68.966	ng		99
48) 2-Nitroaniline	9.563	65	541584	75.873	ng		96
49) Acenaphthylene	9.875	152	2123754	63.583	ng		99
50) Dimethylphthalate	9.733	163	1939434	73.109	ng		100
51) 2,6-Dinitrotoluene	9.804	165	414583	70.678	ng		99
52) Acenaphthene	10.045	154	1287227	64.023	ng		100
53) 3-Nitroaniline	9.980	138	490402	74.789	ng		99
54) 2,4-Dinitrophenol	10.080	184	265615	79.873	ng		96
55) Dibenzofuran	10.216	168	1876923	60.729	ng		98
56) 4-Nitrophenol	10.139	139	323882	82.848	ng		93
57) 2,4-Dinitrotoluene	10.210	165	490067	65.404	ng	#	89
58) Fluorene	10.563	166	1514438	61.621	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	492873	73.909	ng		99
60) Diethylphthalate	10.427	149	1662688	66.138	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	833166	64.582	ng		92
62) 4-Nitroaniline	10.598	138	365402	63.730	ng		97
63) Azobenzene	10.710	77	1657898	64.504	ng		99
65) 4,6-Dinitro-2-methylph...	10.622	198	331804	78.920	ng		97
66) n-Nitrosodiphenylamine	10.674	169	1411626	66.585	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	547052	68.977	ng		99
68) Hexachlorobenzene	11.110	284	604946	72.028	ng		98
69) Atrazine	11.198	200	437815	71.711	ng		97
70) Pentachlorophenol	11.310	266	334299	94.055	ng		99
71) Phenanthrene	11.527	178	2298850	66.578	ng		100
72) Anthracene	11.586	178	2336298	66.051	ng		99
73) Carbazole	11.739	167	2093778	65.929	ng		99
74) Di-n-butylphthalate	12.051	149	2477060	65.469	ng		99
75) Fluoranthene	12.721	202	2471086	65.762	ng		99
77) Benzidine	12.863	184	278060m	114.690	ng		
78) Pyrene	12.957	202	2483468	78.049	ng		99
80) Butylbenzylphthalate	13.557	149	1057531	81.240	ng		97
81) Benzo(a)anthracene	14.145	228	2053476	74.100	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	472348	65.663	ng		99
83) Chrysene	14.186	228	1946360	74.326	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	1218505	74.440	ng	#	98
85) Di-n-octyl phthalate	14.727	149	1979185	77.182	ng		99
87) Indeno(1,2,3-cd)pyrene	17.262	276	2070008	87.686	ng		98
88) Benzo(b)fluoranthene	15.233	252	1794354m	73.044	ng		
89) Benzo(k)fluoranthene	15.262	252	1562205	65.075	ng		99
90) Benzo(a)pyrene	15.621	252	1691502	73.862	ng		99
91) Dibenzo(a,h)anthracene	17.280	278	1624315	84.314	ng		98
92) Benzo(g,h,i)perylene	17.750	276	1863326	92.566	ng		99

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

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