Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132759.D
Acq On : 13 Mar 2023 14:09
Operator : CG\JU
Sample : PB151349BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 01:30:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 13:44:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	258024	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	942862	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	508174	20.000	ng		0.00
64) Phenanthrene-d10	11.510	188	937127	20.000	ng		0.00
76) Chrysene-d12	14.168	240	598528	20.000	ng		0.00
86) Perylene-d12	15.698	264	554794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.616	112	1465179	92.160	ng		0.02
7) Phenol-d6	6.610	99	1885211	90.859	ng		0.00
23) Nitrobenzene-d5	7.539	82	1258971	63.351	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	532441	97.018	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	2046572	61.322	ng		0.00
79) Terphenyl-d14	13.098	244	2328151	65.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	320009	36.389	ng		95
3) Pyridine	3.675	79	819600	35.110	ng		93
4) n-Nitrosodimethylamine	3.646	42	327486	37.141	ng		84
6) Aniline	6.640	93	956605	34.259	ng		96
8) 2-Chlorophenol	6.763	128	701066	42.488	ng		99
9) Benzaldehyde	6.522	77	405650	36.232	ng		98
10) Phenol	6.628	94	935704	39.335	ng		95
11) bis(2-Chloroethyl)ether	6.710	93	780464	42.500	ng		95
12) 1,3-Dichlorobenzene	6.916	146	764891	43.197	ng		97
13) 1,4-Dichlorobenzene	6.992	146	763662	43.192	ng		99
14) 1,2-Dichlorobenzene	7.145	146	702298	41.389	ng		98
15) Benzyl Alcohol	7.116	79	640746	40.098	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.245	45	941705	40.214	ng		95
17) 2-Methylphenol	7.228	107	604203	39.235	ng		99
18) Hexachloroethane	7.481	117	309567	44.816	ng		97
19) n-Nitroso-di-n-propyla...	7.392	70	483741	37.883	ng	#	89
20) 3+4-Methylphenols	7.381	107	670794	33.717	ng		95
22) Acetophenone	7.381	105	933852	39.279	ng		95
24) Nitrobenzene	7.563	77	838576	39.455	ng		99
25) Isophorone	7.798	82	1590417	41.742	ng		99
26) 2-Nitrophenol	7.875	139	413896	44.137	ng		96
27) 2,4-Dimethylphenol	7.910	122	619094	41.829	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	953529	42.781	ng		99
29) 2,4-Dichlorophenol	8.122	162	625578	42.490	ng		99
30) 1,2,4-Trichlorobenzene	8.198	180	697586	43.635	ng		99
31) Naphthalene	8.281	128	1940161	40.195	ng		100
32) Benzoic acid	8.051	122	439211m	38.485	ng		
33) 4-Chloroaniline	8.328	127	370976m	17.935	ng		
34) Hexachlorobutadiene	8.386	225	448843	44.182	ng		99
35) Caprolactam	8.716	113	215298m	44.357	ng		
36) 4-Chloro-3-methylphenol	8.816	107	685373	42.389	ng		95
37) 2-Methylnaphthalene	8.975	142	1288224	39.162	ng		99
38) 1-Methylnaphthalene	9.075	142	1203270	39.142	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	703211	42.295	ng		99
41) Hexachlorocyclopentadiene	9.122	237	808153	89.616	ng		99
43) 2,4,6-Trichlorophenol	9.251	196	470980	41.800	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.298	196	508395	38.659	ng	97
46)	1,1'-Biphenyl	9.439	154	1568492	40.779	ng	98
47)	2-Chloronaphthalene	9.463	162	1264486	41.465	ng	99
48)	2-Nitroaniline	9.563	65	411364	36.626	ng	91
49)	Acenaphthylene	9.880	152	1893748	39.019	ng	99
50)	Dimethylphthalate	9.733	163	1544943	41.754	ng	99
51)	2,6-Dinitrotoluene	9.804	165	344212	40.848	ng	95
52)	Acenaphthene	10.057	154	1323016m	42.930	ng	
53)	3-Nitroaniline	9.975	138	256974	27.261	ng	98
54)	2,4-Dinitrophenol	10.086	184	378022	71.391	ng	98
55)	Dibenzofuran	10.228	168	1689108	37.596	ng	98
56)	4-Nitrophenol	10.145	139	464942	66.139	ng	97
57)	2,4-Dinitrotoluene	10.210	165	450399	40.176	ng	100
58)	Fluorene	10.569	166	1344878	39.134	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.345	232	408618	41.828	ng	97
60)	Diethylphthalate	10.433	149	1459878	40.398	ng	99
61)	4-Chlorophenyl-phenyle...	10.557	204	719201	40.341	ng	96
62)	4-Nitroaniline	10.598	138	355450	38.415	ng	97
63)	Azobenzene	10.716	77	1469192	38.388	ng	98
65)	4,6-Dinitro-2-methylph...	10.622	198	259732	40.942	ng	96
66)	n-Nitrosodiphenylamine	10.680	169	1192235	40.808	ng	98
67)	4-Bromophenyl-phenylether	11.051	248	468832	44.228	ng	96
68)	Hexachlorobenzene	11.122	284	514163	46.096	ng	99
69)	Atrazine	11.204	200	430194	47.166	ng	100
70)	Pentachlorophenol	11.322	266	453047	68.268	ng	98
71)	Phenanthrene	11.539	178	1950283	40.172	ng	99
72)	Anthracene	11.592	178	1963103	39.268	ng	99
73)	Carbazole	11.745	167	1766670	39.195	ng	100
74)	Di-n-butylphthalate	12.057	149	2232347	42.221	ng	100
75)	Fluoranthene	12.733	202	2114852	39.848	ng	98
77)	Benzidine	12.851	184	1014652	69.640	ng	99
78)	Pyrene	12.963	202	2165141	39.788	ng	99
80)	Butylbenzylphthalate	13.568	149	945717	44.040	ng	99
81)	Benzo(a)anthracene	14.157	228	1841664	41.124	ng	98
82)	3,3'-Dichlorobenzidine	14.110	252	364893	27.637	ng	100
83)	Chrysene	14.198	228	1703146	40.669	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.121	149	1252602	47.484	ng	99
85)	Di-n-octyl phthalate	14.745	149	2078476	53.918	ng	97
87)	Indeno(1,2,3-cd)pyrene	17.286	276	1540999	42.390	ng	99
88)	Benzo(b)fluoranthene	15.245	252	1588911	42.736	ng	99
89)	Benzo(k)fluoranthene	15.274	252	1576913	43.337	ng	99
90)	Benzo(a)pyrene	15.639	252	1379817	39.653	ng	99
91)	Dibenzo(a,h)anthracene	17.304	278	1267611	42.797	ng	97
92)	Benzo(g,h,i)perylene	17.768	276	1273924	38.393	ng	99

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

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