Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133277.D
Acq On : 05 May 2023 22:22
Operator : CG\JU
Sample : 02624-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 06 05:52:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/08/2023
Supervised By :Jagrut Upadhyay
05/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	200163	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	814234	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	421971	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	731217	20.000	ng		0.00
76) Chrysene-d12	13.880	240	401708	20.000	ng		0.00
86) Perylene-d12	15.292	264	382436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1292287	97.528	ng		0.02
7) Phenol-d6	6.375	99	1556238	94.624	ng		0.00
23) Nitrobenzene-d5	7.298	82	983552	65.201	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	382624	90.162	ng		0.00
45) 2-Fluorobiphenyl	9.087	172	1597788	63.348	ng		0.00
79) Terphenyl-d14	12.827	244	1623406	69.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	273916	44.568	ng		98
3) Pyridine	3.187	79	689231	42.222	ng		97
4) n-Nitrosodimethylamine	3.157	42	388051	45.895	ng		99
6) Aniline	6.387	93	638642	30.149	ng	#	17
8) 2-Chlorophenol	6.516	128	658252	48.928	ng		95
9) Benzaldehyde	6.269	77	359354	52.742	ng		97
10) Phenol	6.387	94	789154	43.495	ng	#	71
11) bis(2-Chloroethyl)ether	6.463	93	615110	45.178	ng		100
12) 1,3-Dichlorobenzene	6.669	146	694741	48.571	ng		98
13) 1,4-Dichlorobenzene	6.745	146	699862	48.821	ng		97
14) 1,2-Dichlorobenzene	6.898	146	676180	51.163	ng		99
15) Benzyl Alcohol	6.881	79	560868	49.369	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1004194	42.465	ng		94
17) 2-Methylphenol	6.993	107	550582	44.693	ng		98
18) Hexachloroethane	7.240	117	249105	49.982	ng		95
19) n-Nitroso-di-n-propyla...	7.151	70	425432	41.551	ng		97
20) 3+4-Methylphenols	7.151	107	639954	44.111	ng	#	70
22) Acetophenone	7.140	105	881835	46.753	ng	#	95
24) Nitrobenzene	7.316	77	680292	44.505	ng		100
25) Isophorone	7.557	82	1278666	44.645	ng		100
26) 2-Nitrophenol	7.634	139	376879	51.117	ng		89
27) 2,4-Dimethylphenol	7.675	122	606940	48.008	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	763255	45.047	ng		99
29) 2,4-Dichlorophenol	7.875	162	542684	47.153	ng		100
30) 1,2,4-Trichlorobenzene	7.957	180	563034	47.222	ng		99
31) Naphthalene	8.034	128	1825357	44.839	ng		99
32) Benzoic acid	7.816	122	394477m	50.515	ng		
33) 4-Chloroaniline	8.081	127	192379	11.696	ng		97
34) Hexachlorobutadiene	8.151	225	305029	46.158	ng		100
35) Caprolactam	8.475	113	194250m	50.242	ng		
36) 4-Chloro-3-methylphenol	8.581	107	585296	47.160	ng		97
37) 2-Methylnaphthalene	8.728	142	1205566	43.316	ng		99
38) 1-Methylnaphthalene	8.822	142	1145677	44.003	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	496617	43.772	ng		99
41) Hexachlorocyclopentadiene	8.881	237	541914	81.900	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	363184	46.287	ng		100

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44) 2,4,5-Trichlorophenol	9.051	196	382692	42.173	ng		97
46) 1,1'-Biphenyl	9.192	154	1476874	44.138	ng		98
47) 2-Chloronaphthalene	9.210	162	1126259	45.987	ng		98
48) 2-Nitroaniline	9.310	65	370446	45.767	ng		94
49) Acenaphthylene	9.628	152	1709899	43.695	ng		99
50) Dimethylphthalate	9.492	163	1325240	45.041	ng		100
51) 2,6-Dinitrotoluene	9.557	165	308774	46.626	ng	#	85
52) Acenaphthene	9.798	154	1255983m	47.922	ng		
53) 3-Nitroaniline	9.722	138	222269	28.228	ng		97
54) 2,4-Dinitrophenol	9.834	184	319575	96.005	ng		93
55) Dibenzofuran	9.975	168	1524718	42.647	ng		100
56) 4-Nitrophenol	9.898	139	523534	85.844	ng		93
57) 2,4-Dinitrotoluene	9.957	165	392609	46.488	ng		99
58) Fluorene	10.316	166	1127683	43.053	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.092	232	311037	44.212	ng		99
60) Diethylphthalate	10.192	149	1229948	44.255	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	532041	41.681	ng		95
62) 4-Nitroaniline	10.339	138	333715	46.111	ng		96
63) Azobenzene	10.463	77	1403860	47.684	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	220980	49.859	ng		89
66) n-Nitrosodiphenylamine	10.428	169	1031879	43.505	ng		100
67) 4-Bromophenyl-phenylether	10.792	248	346810	43.731	ng		95
68) Hexachlorobenzene	10.863	284	371304	45.692	ng		99
69) Atrazine	10.957	200	356222	52.122	ng		98
70) Pentachlorophenol	11.057	266	427936	73.942	ng		99
71) Phenanthrene	11.275	178	1781743	45.336	ng		100
72) Anthracene	11.322	178	1775265	44.139	ng		99
73) Carbazole	11.480	167	1614980	45.095	ng		99
74) Di-n-butylphthalate	11.810	149	1945599	48.006	ng		100
75) Fluoranthene	12.457	202	1797708	45.578	ng		99
77) Benzidine	12.580	184	817846	120.394	ng	#	93
78) Pyrene	12.686	202	1795455	52.139	ng		98
80) Butylbenzylphthalate	13.304	149	767087	62.913	ng		95
81) Benzo(a)anthracene	13.869	228	1231286	44.573	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	314934	41.269	ng		99
83) Chrysene	13.910	228	1238877	44.859	ng		99
84) Bis(2-ethylhexyl)phtha...	13.869	149	856319	55.953	ng		100
85) Di-n-octyl phthalate	14.480	149	1535318	61.525	ng		98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1269980	58.380	ng		98
88) Benzo(b)fluoranthene	14.892	252	1155649	47.499	ng		99
89) Benzo(k)fluoranthene	14.921	252	1116153	46.279	ng		99
90) Benzo(a)pyrene	15.239	252	1014295	45.801	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	1035495	57.072	ng		98
92) Benzo(g,h,i)perylene	17.092	276	1048566	58.538	ng		97

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

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