Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136006.D
Acq On : 28 Oct 2023 15:34
Operator : CG\JU
Sample : 04976-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 30 00:26:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NB-426-COMP-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	160454	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	632997	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	323193	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	601721	20.000	ng		0.00
76) Chrysene-d12	14.015	240	336356	20.000	ng		0.00
86) Perylene-d12	15.498	264	361714	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1305411	125.629	ng		0.02
7) Phenol-d6	6.463	99	1539655	119.017	ng		0.00
23) Nitrobenzene-d5	7.392	82	1031804	102.929	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	488750	172.770	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1838222	91.074	ng		0.00
79) Terphenyl-d14	12.957	244	2108930	104.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	206519	42.785	ng	#	82
3) Pyridine	3.493	79	410826	30.836	ng		97
4) n-Nitrosodimethylamine	3.445	42	254998	43.896	ng		94
6) Aniline	6.492	93	200866	11.531	ng		100
8) 2-Chlorophenol	6.610	128	557719	51.847	ng		98
9) Benzaldehyde	6.375	77	35020	5.004	ng		97
10) Phenol	6.475	94	587931m	43.473	ng		
11) bis(2-Chloroethyl)ether	6.569	93	517940	49.202	ng		99
12) 1,3-Dichlorobenzene	6.769	146	569142	49.812	ng		95
13) 1,4-Dichlorobenzene	6.845	146	572350	49.877	ng		98
14) 1,2-Dichlorobenzene	6.992	146	549651	51.581	ng		99
15) Benzyl Alcohol	6.969	79	413410	45.206	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	725187	46.778	ng		96
17) 2-Methylphenol	7.081	107	421154	44.422	ng		99
18) Hexachloroethane	7.333	117	204165	52.323	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	356247	48.427	ng		95
20) 3+4-Methylphenols	7.233	107	512911	44.825	ng	#	86
22) Acetophenone	7.239	105	728742	50.972	ng	#	93
24) Nitrobenzene	7.410	77	545272	51.800	ng		100
25) Isophorone	7.645	82	1005832	50.270	ng		99
26) 2-Nitrophenol	7.722	139	277259	64.416	ng		100
27) 2,4-Dimethylphenol	7.763	122	423698	46.463	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	613240	49.911	ng		98
29) 2,4-Dichlorophenol	7.963	162	451521	55.293	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	485613	52.523	ng		98
31) Naphthalene	8.128	128	1532320	50.069	ng		100
32) Benzoic acid	7.886	122	329153	62.963	ng		89
33) 4-Chloroaniline	8.180	127	32461	2.400	ng		97
34) Hexachlorobutadiene	8.245	225	269661	51.745	ng		99
35) Caprolactam	8.551	113	139054m	51.171	ng		
36) 4-Chloro-3-methylphenol	8.663	107	476697	54.932	ng		96
37) 2-Methylnaphthalene	8.822	142	983785	48.585	ng		97
38) 1-Methylnaphthalene	8.922	142	937567	49.553	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	458406	50.218	ng		99
41) Hexachlorocyclopentadiene	8.975	237	505335	112.272	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	316113	59.168	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	341503	53.836	ng		97
46) 1,1'-Biphenyl	9.292	154	1233651	50.375	ng		99
47) 2-Chloronaphthalene	9.316	162	942141	52.012	ng		100
48) 2-Nitroaniline	9.410	65	291260	56.525	ng		98
49) Acenaphthylene	9.727	152	1477628	51.708	ng		99
50) Dimethylphthalate	9.598	163	1097014	52.341	ng		99
51) 2,6-Dinitrotoluene	9.657	165	252665	57.121	ng	#	76
52) Acenaphthene	9.904	154	1037073m	56.628	ng		
53) 3-Nitroaniline	9.816	138	62199	15.388	ng		95
54) 2,4-Dinitrophenol	9.927	184	240891	109.792	ng		93
55) Dibenzofuran	10.074	168	1329813	50.263	ng		100
56) 4-Nitrophenol	9.986	139	431312	100.309	ng		95
57) 2,4-Dinitrotoluene	10.057	165	338677	61.152	ng		98
58) Fluorene	10.421	166	989013	49.966	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	293959	61.583	ng		99
60) Diethylphthalate	10.298	149	1042306	52.151	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	476982	49.956	ng		96
62) 4-Nitroaniline	10.439	138	206981	40.960	ng		92
63) Azobenzene	10.574	77	1012160	49.903	ng		97
65) 4,6-Dinitro-2-methylph...	10.463	198	160209	67.791	ng		97
66) n-Nitrosodiphenylamine	10.533	169	819061	45.058	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	320061	51.939	ng		98
68) Hexachlorobenzene	10.963	284	366786	55.719	ng		97
69) Atrazine	11.063	200	139406	28.132	ng		98
70) Pentachlorophenol	11.163	266	429331	101.659	ng		98
71) Phenanthrene	11.386	178	1544051	50.720	ng		100
72) Anthracene	11.433	178	1579608	50.676	ng		100
73) Carbazole	11.592	167	1217527	43.786	ng		99
74) Di-n-butylphthalate	11.933	149	1628330	55.032	ng		99
75) Fluoranthene	12.574	202	1581350	49.375	ng		97
77) Benzidine	12.704	184	35713	5.506	ng		98
78) Pyrene	12.810	202	1583238	56.060	ng		100
80) Butylbenzylphthalate	13.439	149	642701	59.242	ng		96
81) Benzo(a)anthracene	14.004	228	1178554	51.532	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	62361	8.963	ng		98
83) Chrysene	14.039	228	1150937	51.670	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	764908	65.865	ng	#	98
85) Di-n-octyl phthalate	14.627	149	1299635	71.040	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1126579	54.927	ng		98
88) Benzo(b)fluoranthene	15.062	252	1165158	54.127	ng		99
89) Benzo(k)fluoranthene	15.098	252	1001264	47.360	ng		99
90) Benzo(a)pyrene	15.439	252	984802	49.638	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	948170	54.046	ng		98
92) Benzo(g,h,i)perylene	17.480	276	861807	43.580	ng		99

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

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