Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135604.D
Acq On : 05 Oct 2023 17:35
Operator : CG\JU
Sample : 04712-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Oct 06 03:43:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	140922	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	500055	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	239180	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	413344	20.000	ng		0.00
76) Chrysene-d12	13.927	240	222233	20.000	ng		0.00
86) Perylene-d12	15.392	264	253513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	855905	98.784	ng		0.01
7) Phenol-d6	6.393	99	1009680	91.645	ng		0.00
23) Nitrobenzene-d5	7.310	82	652745	70.919	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	214159	90.101	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1065011	67.180	ng		0.00
79) Terphenyl-d14	12.863	244	846907	59.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	163319	42.998	ng		97
3) Pyridine	3.246	79	384090	37.572	ng		99
4) n-Nitrosodimethylamine	3.216	42	238441	43.954	ng		100
6) Aniline	6.410	93	411709	28.497	ng	#	29
8) 2-Chlorophenol	6.534	128	405580	43.850	ng		95
9) Benzaldehyde	6.298	77	228740	36.445	ng		98
10) Phenol	6.410	94	472529	39.114	ng		83
11) bis(2-Chloroethyl)ether	6.481	93	397716	43.888	ng		97
12) 1,3-Dichlorobenzene	6.681	146	395167	42.039	ng		96
13) 1,4-Dichlorobenzene	6.757	146	414739	43.367	ng		99
14) 1,2-Dichlorobenzene	6.904	146	380973	42.896	ng		99
15) Benzyl Alcohol	6.893	79	333848	42.228	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	712848	41.733	ng		70
17) 2-Methylphenol	7.010	107	304376	37.291	ng	#	92
18) Hexachloroethane	7.240	117	151934	42.996	ng		88
19) n-Nitroso-di-n-propyla...	7.157	70	264556	38.768	ng		94
20) 3+4-Methylphenols	7.163	107	381608	38.881	ng	#	70
22) Acetophenone	7.151	105	526904	46.088	ng	#	91
24) Nitrobenzene	7.328	77	412510	45.344	ng		99
25) Isophorone	7.563	82	762284	45.102	ng		99
26) 2-Nitrophenol	7.640	139	206125	47.209	ng		96
27) 2,4-Dimethylphenol	7.687	122	297218	40.498	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	472337	46.693	ng		99
29) 2,4-Dichlorophenol	7.887	162	308771	45.404	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	322264	45.337	ng		99
31) Naphthalene	8.040	128	1068564	43.981	ng		100
32) Benzoic acid	7.834	122	212921	38.528	ng		100
33) 4-Chloroaniline	8.098	127	153265	14.378	ng		99
34) Hexachlorobutadiene	8.151	225	189598	44.236	ng		99
35) Caprolactam	8.475	113	104782	45.909	ng		97
36) 4-Chloro-3-methylphenol	8.598	107	325567	43.074	ng		93
37) 2-Methylnaphthalene	8.734	142	667856	40.893	ng		99
38) 1-Methylnaphthalene	8.834	142	637120	41.668	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	323609	46.702	ng		99
41) Hexachlorocyclopentadiene	8.881	237	134457	47.357	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	203261	44.802	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	216560	41.449	ng		98
46) 1,1'-Biphenyl	9.198	154	849021	46.191	ng		99
47) 2-Chloronaphthalene	9.222	162	626993	47.014	ng		98
48) 2-Nitroaniline	9.334	65	233355	45.040	ng		97
49) Acenaphthylene	9.639	152	987094	44.536	ng		99
50) Dimethylphthalate	9.504	163	729928	45.138	ng		100
51) 2,6-Dinitrotoluene	9.575	165	162020	45.736	ng		91
52) Acenaphthene	9.810	154	579032	44.224	ng		98
53) 3-Nitroaniline	9.745	138	113295	27.245	ng		94
54) 2,4-Dinitrophenol	9.863	184	104349	54.083	ng	#	89
55) Dibenzofuran	9.981	168	836128	41.848	ng		97
56) 4-Nitrophenol	9.928	139	163031	61.688	ng		89
57) 2,4-Dinitrotoluene	9.986	165	182021	41.043	ng		90
58) Fluorene	10.328	166	663183	43.176	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	163238	40.616	ng		99
60) Diethylphthalate	10.204	149	739224	45.549	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	322696	43.735	ng		95
62) 4-Nitroaniline	10.363	138	143760	35.965	ng		96
63) Azobenzene	10.481	77	718481	45.235	ng		97
65) 4,6-Dinitro-2-methylph...	10.398	198	81840	37.278	ng		96
66) n-Nitrosodiphenylamine	10.445	169	606541	48.470	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	194973	47.427	ng		96
68) Hexachlorobenzene	10.875	284	196970	47.030	ng	#	89
69) Atrazine	10.975	200	183712	54.561	ng		98
70) Pentachlorophenol	11.081	266	143207	57.151	ng		98
71) Phenanthrene	11.292	178	915341	46.822	ng		99
72) Anthracene	11.345	178	915833	45.576	ng		99
73) Carbazole	11.510	167	801677	43.825	ng		99
74) Di-n-butylphthalate	11.833	149	1082502	50.220	ng		99
75) Fluoranthene	12.486	202	870735	42.745	ng		97
77) Benzidine	12.622	184	355481	78.079	ng		98
78) Pyrene	12.716	202	857261	40.517	ng		100
80) Butylbenzylphthalate	13.339	149	353988	47.519	ng		96
81) Benzo(a)anthracene	13.916	228	698159	48.652	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	209718	46.788	ng	#	98
83) Chrysene	13.951	228	651384	45.655	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	469035	61.356	ng		98
85) Di-n-octyl phthalate	14.521	149	806612	66.396	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	761389	45.806	ng		99
88) Benzo(b)fluoranthene	14.969	252	734503	53.521	ng		98
89) Benzo(k)fluoranthene	14.998	252	661920	48.827	ng		99
90) Benzo(a)pyrene	15.333	252	574884	43.927	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	616276	45.313	ng		99
92) Benzo(g,h,i)perylene	17.327	276	601939	42.379	ng		97

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

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