Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135605.D
Acq On : 05 Oct 2023 18:07
Operator : CG\JU
Sample : 04691-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-092923MS

Quant Time: Oct 06 03:44:36 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	6.739	152	137865	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	487887	20.000	ng	#	0.00
39) Acenaphthene-d10	9.774	164	205584	20.000	ng		0.00
64) Phenanthrene-d10	11.268	188	316746	20.000	ng		0.00
76) Chrysene-d12	13.927	240	247525	20.000	ng	#	0.00
86) Perylene-d12	15.398	264	297541	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	812820	95.892	ng		0.01
7) Phenol-d6	6.398	99	917942	85.166	ng		0.01
23) Nitrobenzene-d5	7.310	82	576544	64.202	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	153880	75.320	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	913735	67.056	ng		0.00
79) Terphenyl-d14	12.863	244	721558	45.190	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	167549	45.090	ng		96
3) Pyridine	3.228	79	397127	39.709	ng		99
4) n-Nitrosodimethylamine	3.198	42	266568	50.229	ng		96
6) Aniline	6.410	93	392612	27.778	ng	#	1
8) 2-Chlorophenol	6.534	128	431848	47.725	ng		97
9) Benzaldehyde	6.298	77	90668	14.766	ng		99
10) Phenol	6.410	94	512059	43.326	ng		87
11) bis(2-Chloroethyl)ether	6.481	93	438984	49.516	ng		99
12) 1,3-Dichlorobenzene	6.681	146	427301	46.466	ng		98
13) 1,4-Dichlorobenzene	6.757	146	434071	46.395	ng		98
14) 1,2-Dichlorobenzene	6.910	146	399632	45.995	ng		97
15) Benzyl Alcohol	6.892	79	344089	44.488	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	758219	45.374	ng		74
17) 2-Methylphenol	7.010	107	327189	40.975	ng	#	91
18) Hexachloroethane	7.245	117	161892	46.830	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	276534	41.422	ng		97
20) 3+4-Methylphenols	7.169	107	409195	42.617	ng	#	65
22) Acetophenone	7.151	105	554008	49.667	ng	#	90
24) Nitrobenzene	7.328	77	437528	49.294	ng		99
25) Isophorone	7.563	82	797456	48.360	ng		98
26) 2-Nitrophenol	7.645	139	219969	51.636	ng		93
27) 2,4-Dimethylphenol	7.686	122	314522	43.924	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	498709	50.529	ng		100
29) 2,4-Dichlorophenol	7.892	162	327333	49.334	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	342433	49.376	ng		98
31) Naphthalene	8.039	128	1115290	47.049	ng		99
32) Benzoic acid	7.839	122	229762	42.612	ng		95
33) 4-Chloroaniline	8.104	127	285221	27.424	ng		98
34) Hexachlorobutadiene	8.151	225	198814	47.543	ng		100
35) Caprolactam	8.475	113	105038	47.169	ng		95
36) 4-Chloro-3-methylphenol	8.598	107	324675	44.028	ng		94
37) 2-Methylnaphthalene	8.733	142	674472	42.328	ng		100
38) 1-Methylnaphthalene	8.833	142	648184	43.449	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	321823	54.034	ng		100
41) Hexachlorocyclopentadiene	8.880	237	78715	34.610	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	201600	51.698	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	205554	45.772	ng		97
46) 1,1'-Biphenyl	9.198	154	833347	52.747	ng		98
47) 2-Chloronaphthalene	9.222	162	624760	54.502	ng		99
48) 2-Nitroaniline	9.333	65	228882	51.396	ng		99
49) Acenaphthylene	9.639	152	930867	48.863	ng		100
50) Dimethylphthalate	9.504	163	726079	52.238	ng		100
51) 2,6-Dinitrotoluene	9.574	165	152620	50.123	ng		92
52) Acenaphthene	9.810	154	548969	48.780	ng		97
53) 3-Nitroaniline	9.745	138	126143	35.292	ng		98
54) 2,4-Dinitrophenol	9.863	184	102558	60.945	ng	#	89
55) Dibenzofuran	9.986	168	781973	45.534	ng		99
56) 4-Nitrophenol	9.927	139	154866	68.174	ng		95
57) 2,4-Dinitrotoluene	9.986	165	160623	42.136	ng		89
58) Fluorene	10.327	166	601475	45.558	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	149075	43.153	ng		98
60) Diethylphthalate	10.204	149	686732	49.230	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	294307	46.406	ng		98
62) 4-Nitroaniline	10.363	138	128020	37.261	ng		99
63) Azobenzene	10.480	77	640454	46.912	ng		97
65) 4,6-Dinitro-2-methylph...	10.398	198	74379	44.212	ng		91
66) n-Nitrosodiphenylamine	10.439	169	540603	56.375	ng		98
67) 4-Bromophenyl-phenylether	10.810	248	170296	54.058	ng		95
68) Hexachlorobenzene	10.874	284	169884	52.933	ng	#	89
69) Atrazine	10.974	200	153298	59.413	ng		99
70) Pentachlorophenol	11.080	266	123377	64.253	ng		98
71) Phenanthrene	11.292	178	787577	52.573	ng		99
72) Anthracene	11.345	178	785448	51.008	ng		99
73) Carbazole	11.510	167	713683	50.913	ng		99
74) Di-n-butylphthalate	11.833	149	906673	54.891	ng		99
75) Fluoranthene	12.486	202	893944	57.268	ng		98
77) Benzidine	12.615	184	336372	66.332	ng		99
78) Pyrene	12.721	202	940148	39.894	ng		99
80) Butylbenzylphthalate	13.339	149	387397	46.690	ng		95
81) Benzo(a)anthracene	13.921	228	877162	54.880	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	273709	54.824	ng	#	98
83) Chrysene	13.957	228	833205	52.432	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	546009	64.127	ng		100
85) Di-n-octyl phthalate	14.521	149	1030917	76.188	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	614874	31.518	ng		99
88) Benzo(b)fluoranthene	14.974	252	938866	58.289	ng	#	97
89) Benzo(k)fluoranthene	14.998	252	776105	48.778	ng	#	96
90) Benzo(a)pyrene	15.339	252	774308	50.410	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	493201	30.898	ng		98
92) Benzo(g,h,i)perylene	17.333	276	479193	28.745	ng		99

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

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