Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135607.D
Acq On : 05 Oct 2023 19:11
Operator : CG\JU
Sample : 04712-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Oct 06 03:46:14 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	144554	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	533829	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	253494	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	407601	20.000	ng		0.00
76) Chrysene-d12	13.933	240	256645	20.000	ng		0.00
86) Perylene-d12	15.392	264	274658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	947565	106.615	ng		0.02
7) Phenol-d6	6.398	99	1161302	102.759	ng		0.01
23) Nitrobenzene-d5	7.310	82	764636	77.819	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	240054	95.293	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1220742	72.655	ng		0.00
79) Terphenyl-d14	12.863	244	931566	56.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	183624	47.129	ng		97
3) Pyridine	3.257	79	443772	42.320	ng		98
4) n-Nitrosodimethylamine	3.234	42	275629	49.533	ng		97
6) Aniline	6.410	93	412832	27.857	ng	#	1
8) 2-Chlorophenol	6.534	128	468469	49.376	ng		96
9) Benzaldehyde	6.298	77	262877	40.832	ng		99
10) Phenol	6.410	94	531163	42.862	ng		90
11) bis(2-Chloroethyl)ether	6.481	93	466363	50.170	ng		99
12) 1,3-Dichlorobenzene	6.681	146	454845	47.172	ng		99
13) 1,4-Dichlorobenzene	6.757	146	472056	48.120	ng		99
14) 1,2-Dichlorobenzene	6.904	146	431117	47.323	ng		99
15) Benzyl Alcohol	6.893	79	383618	47.304	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	820583	46.833	ng		57
17) 2-Methylphenol	7.010	107	355425	42.451	ng	#	92
18) Hexachloroethane	7.240	117	175710	48.475	ng		89
19) n-Nitroso-di-n-propyla...	7.163	70	306942	43.849	ng		99
20) 3+4-Methylphenols	7.163	107	444652	44.166	ng	#	76
22) Acetophenone	7.151	105	613641	50.279	ng	#	90
24) Nitrobenzene	7.328	77	482802	49.713	ng		99
25) Isophorone	7.563	82	875016	48.497	ng		98
26) 2-Nitrophenol	7.645	139	239261	51.331	ng		92
27) 2,4-Dimethylphenol	7.687	122	341941	43.644	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	546168	50.575	ng		100
29) 2,4-Dichlorophenol	7.892	162	350884	48.332	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	369449	48.687	ng		99
31) Naphthalene	8.040	128	1214946	46.842	ng		99
32) Benzoic acid	7.840	122	259876	44.049	ng		98
33) 4-Chloroaniline	8.098	127	179012	15.731	ng		98
34) Hexachlorobutadiene	8.151	225	212589	46.462	ng		99
35) Caprolactam	8.481	113	126991	52.120	ng		93
36) 4-Chloro-3-methylphenol	8.598	107	378945	46.964	ng		99
37) 2-Methylnaphthalene	8.734	142	761854	43.697	ng		100
38) 1-Methylnaphthalene	8.834	142	720837	44.160	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	368431	50.168	ng		100
41) Hexachlorocyclopentadiene	8.881	237	89202	32.406	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	234611	48.792	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	249820	45.115	ng		98
46) 1,1'-Biphenyl	9.198	154	970186	49.803	ng		97
47) 2-Chloronaphthalene	9.228	162	698646	49.429	ng		100
48) 2-Nitroaniline	9.334	65	273492	49.806	ng		98
49) Acenaphthylene	9.639	152	1116051	47.511	ng		100
50) Dimethylphthalate	9.504	163	858973	50.119	ng		100
51) 2,6-Dinitrotoluene	9.581	165	185172	49.319	ng	#	81
52) Acenaphthene	9.810	154	661732	47.686	ng		98
53) 3-Nitroaniline	9.745	138	129708	29.431	ng		100
54) 2,4-Dinitrophenol	9.869	184	81402	41.456	ng		95
55) Dibenzofuran	9.986	168	934941	44.152	ng		99
56) 4-Nitrophenol	9.934	139	207636	74.129	ng		92
57) 2,4-Dinitrotoluene	9.986	165	204613	43.531	ng	#	81
58) Fluorene	10.333	166	752078	46.199	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	186696	43.830	ng		99
60) Diethylphthalate	10.210	149	850790	49.464	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	357602	45.730	ng		95
62) 4-Nitroaniline	10.369	138	154260	36.413	ng		96
63) Azobenzene	10.481	77	820245	48.726	ng		96
65) 4,6-Dinitro-2-methylph...	10.404	198	65259	30.144	ng		87
66) n-Nitrosodiphenylamine	10.445	169	688146	55.766	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	221263	54.580	ng		95
68) Hexachlorobenzene	10.881	284	215235	52.115	ng		97
69) Atrazine	10.980	200	211316	63.643	ng		97
70) Pentachlorophenol	11.081	266	167183	67.659	ng		98
71) Phenanthrene	11.298	178	969321	50.282	ng		99
72) Anthracene	11.351	178	972301	49.068	ng		99
73) Carbazole	11.510	167	880419	48.808	ng		99
74) Di-n-butylphthalate	11.833	149	1222339	57.507	ng		99
75) Fluoranthene	12.492	202	982733	48.923	ng		100
77) Benzidine	12.622	184	548787	104.375	ng		99
78) Pyrene	12.722	202	984228	40.280	ng		100
80) Butylbenzylphthalate	13.345	149	425123	49.416	ng		97
81) Benzo(a)anthracene	13.922	228	873430	52.704	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	291067	56.230	ng	#	98
83) Chrysene	13.957	228	813990	49.403	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	571176	64.699	ng		99
85) Di-n-octyl phthalate	14.521	149	1020159	72.714	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	611059	33.932	ng		97
88) Benzo(b)fluoranthene	14.968	252	864842	58.167	ng	#	98
89) Benzo(k)fluoranthene	14.998	252	716657	48.795	ng	#	97
90) Benzo(a)pyrene	15.339	252	686882	48.444	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	497073	33.735	ng		100
92) Benzo(g,h,i)perylene	17.327	276	482076	31.327	ng		99

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

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