Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136271.D
Acq On : 29 Nov 2023 02:57
Operator : CG\JU
Sample : 05553-01MS 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MS

Quant Time: Nov 29 03:29:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	97573	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	344893	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	152601	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	317172	20.000	ng		0.00
76) Chrysene-d12	13.986	240	233200	20.000	ng		0.00
86) Perylene-d12	15.468	264	158895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	132670	18.925	ng		0.00
7) Phenol-d6	6.434	99	146993	16.770	ng		-0.01
23) Nitrobenzene-d5	7.357	82	85887	13.159	ng		-0.02
42) 2,4,6-Tribromophenol	10.628	330	36831	19.741	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	157189	13.157	ng		-0.01
79) Terphenyl-d14	12.927	244	225893	11.173	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	23766	8.960	ng		98
3) Pyridine	3.334	79	49363	7.539	ng		96
4) n-Nitrosodimethylamine	3.269	42	28242	8.533	ng	#	94
6) Aniline	6.469	93	58463	7.057	ng		97
8) 2-Chlorophenol	6.587	128	66337	8.691	ng		97
9) Benzaldehyde	6.357	77	10256	2.099	ng		92
10) Phenol	6.445	94	80770	8.589	ng		91
11) bis(2-Chloroethyl)ether	6.540	93	64426	9.339	ng		97
12) 1,3-Dichlorobenzene	6.745	146	74218	8.568	ng		97
13) 1,4-Dichlorobenzene	6.822	146	74957	8.512	ng		95
14) 1,2-Dichlorobenzene	6.975	146	70766	8.488	ng		96
15) Benzyl Alcohol	6.940	79	50497	8.217	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	85686	8.942	ng		99
17) 2-Methylphenol	7.051	107	50074	8.344	ng		96
18) Hexachloroethane	7.316	117	22263	7.208	ng	#	84
19) n-Nitroso-di-n-propyla...	7.204	70	45710	8.719	ng		98
20) 3+4-Methylphenols	7.204	107	62506	8.014	ng	#	85
22) Acetophenone	7.210	105	95346	10.526	ng	#	86
24) Nitrobenzene	7.381	77	62391	9.433	ng		96
25) Isophorone	7.616	82	114035	9.690	ng		96
26) 2-Nitrophenol	7.698	139	25738	9.133	ng		99
27) 2,4-Dimethylphenol	7.734	122	44332	11.952	ng		94
28) bis(2-Chloroethoxy)met...	7.834	93	71586	10.056	ng		97
29) 2,4-Dichlorophenol	7.934	162	42914	8.578	ng		91
30) 1,2,4-Trichlorobenzene	8.022	180	55172	9.007	ng		98
31) Naphthalene	8.104	128	177933	9.179	ng		98
32) Benzoic acid	7.792	122	23755	7.027	ng		97
33) 4-Chloroaniline	8.151	127	45646	6.927	ng		98
34) Hexachlorobutadiene	8.222	225	33936	9.470	ng		97
35) Caprolactam	8.487	113	13111	9.374	ng		88
36) 4-Chloro-3-methylphenol	8.628	107	44648	8.228	ng		94
37) 2-Methylnaphthalene	8.792	142	104183	8.567	ng		98
38) 1-Methylnaphthalene	8.892	142	101370	8.545	ng		91
40) 1,2,4,5-Tetrachloroben...	8.957	216	50788	10.458	ng		97
41) Hexachlorocyclopentadiene	8.945	237	6304	3.373	ng		89
43) 2,4,6-Trichlorophenol	9.069	196	29398	9.326	ng		94

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44) 2,4,5-Trichlorophenol	9.110	196	31757	9.232	ng		97
46) 1,1'-Biphenyl	9.257	154	132904	9.876	ng		95
47) 2-Chloronaphthalene	9.281	162	98170	9.394	ng		98
48) 2-Nitroaniline	9.375	65	25708	9.422	ng		97
49) Acenaphthylene	9.698	152	153502	10.293	ng		98
50) Dimethylphthalate	9.557	163	115450	10.010	ng		98
51) 2,6-Dinitrotoluene	9.622	165	21234	9.012	ng		92
52) Acenaphthene	9.869	154	90973	9.653	ng		91
53) 3-Nitroaniline	9.786	138	21335	9.125	ng		96
55) Dibenzofuran	10.045	168	134938	9.622	ng		96
56) 4-Nitrophenol	9.945	139	36444	20.524	ng		88
57) 2,4-Dinitrotoluene	10.022	165	26829	8.524	ng		93
58) Fluorene	10.386	166	110961	10.087	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.163	232	28384	10.370	ng		97
60) Diethylphthalate	10.263	149	111717	9.683	ng		97
61) 4-Chlorophenyl-phenyle...	10.381	204	53957	10.100	ng		98
62) 4-Nitroaniline	10.398	138	24660	10.775	ng		94
63) Azobenzene	10.539	77	100256	9.373	ng		98
66) n-Nitrosodiphenylamine	10.498	169	94120	9.260	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	31997	8.647	ng		93
68) Hexachlorobenzene	10.933	284	37054	8.652	ng	#	90
69) Atrazine	11.028	200	33838	11.223	ng		94
70) Pentachlorophenol	11.133	266	42537	17.572	ng		97
71) Phenanthrene	11.351	178	185081	10.382	ng		98
72) Anthracene	11.404	178	186294	10.421	ng		97
73) Carbazole	11.563	167	159180	10.469	ng		99
74) Di-n-butylphthalate	11.898	149	202946	10.668	ng		97
75) Fluoranthene	12.545	202	220282	12.172	ng		93
77) Benzidine	12.674	184	61796	16.120	ng		98
78) Pyrene	12.774	202	227445	8.906	ng		95
80) Butylbenzylphthalate	13.410	149	90502	11.386	ng		98
81) Benzo(a)anthracene	13.974	228	171199	9.884	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	44202	10.601	ng		98
83) Chrysene	14.010	228	158265	9.463	ng		94
84) Bis(2-ethylhexyl)phtha...	13.974	149	133472	13.992	ng	#	100
85) Di-n-octyl phthalate	14.592	149	204802	16.960	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.968	276	94870	10.221	ng		96
88) Benzo(b)fluoranthene	15.027	252	112366	10.080	ng	#	94
89) Benzo(k)fluoranthene	15.057	252	101409	9.578	ng	#	94
90) Benzo(a)pyrene	15.404	252	87202	9.569	ng	#	91
91) Dibenzo(a,h)anthracene	16.992	278	76242	10.259	ng	#	90
92) Benzo(g,h,i)perylene	17.421	276	78297	9.762	ng		95

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

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