Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136497.D
Acq On : 11 Dec 2023 18:46
Operator : CG\JU
Sample : 05551-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-110MSD

Quant Time: Dec 11 23:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	134049	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	538713	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	277351	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	477249	20.000	ng		0.00
76) Chrysene-d12	13.974	240	233581	20.000	ng		0.00
86) Perylene-d12	15.451	264	265937	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	352825	38.871	ng		0.00
7) Phenol-d6	6.433	99	278275	24.572	ng		-0.01
23) Nitrobenzene-d5	7.357	82	626820	62.902	ng		-0.01
42) 2,4,6-Tribromophenol	10.627	330	299549	87.594	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1297540	63.836	ng		-0.01
79) Terphenyl-d14	12.915	244	1108757	62.565	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	52947	14.748	ng		98
3) Pyridine	3.387	79	126545	14.555	ng		94
4) n-Nitrosodimethylamine	3.340	42	57472	15.215	ng		95
6) Aniline	6.463	93	213584	18.662	ng		99
8) 2-Chlorophenol	6.586	128	274960	27.748	ng		97
9) Benzaldehyde	6.351	77	141761	22.179	ng		95
10) Phenol	6.451	94	131218	10.889	ng		87
11) bis(2-Chloroethyl)ether	6.533	93	307881	34.276	ng		99
12) 1,3-Dichlorobenzene	6.733	146	283998	25.485	ng		97
13) 1,4-Dichlorobenzene	6.810	146	291968	25.828	ng		97
14) 1,2-Dichlorobenzene	6.963	146	282421	26.568	ng		99
15) Benzyl Alcohol	6.939	79	178840	23.583	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	368984	31.940	ng		92
17) 2-Methylphenol	7.057	107	192278	24.018	ng		93
18) Hexachloroethane	7.304	117	95702	24.248	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	225268	34.483	ng		100
20) 3+4-Methylphenols	7.204	107	199836	20.111	ng	#	52
22) Acetophenone	7.204	105	481056	36.162	ng	#	96
24) Nitrobenzene	7.375	77	332608	33.179	ng		99
25) Isophorone	7.616	82	618787	34.563	ng		98
26) 2-Nitrophenol	7.692	139	177380	35.992	ng		95
27) 2,4-Dimethylphenol	7.733	122	237618	39.102	ng		99
28) bis(2-Chloroethoxy)met...	7.827	93	388380	35.304	ng		98
29) 2,4-Dichlorophenol	7.933	162	263152	32.808	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	272638	29.150	ng		97
31) Naphthalene	8.098	128	900919	30.326	ng		99
32) Benzoic acid	7.810	122	31450	5.217	ng		90
33) 4-Chloroaniline	8.145	127	136629	12.900	ng		98
34) Hexachlorobutadiene	8.210	225	140721	25.387	ng		98
35) Caprolactam	8.516	113	16010	6.481	ng		89
36) 4-Chloro-3-methylphenol	8.633	107	259624	30.484	ng		96
37) 2-Methylnaphthalene	8.786	142	605758	32.051	ng		94
38) 1-Methylnaphthalene	8.886	142	585375	31.563	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	310102	35.938	ng		98
41) Hexachlorocyclopentadiene	8.939	237	208087	65.094	ng		96
43) 2,4,6-Trichlorophenol	9.069	196	200365	35.662	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	213519	34.050	ng		95
46) 1,1'-Biphenyl	9.251	154	832755	35.287	ng		99
47) 2-Chloronaphthalene	9.274	162	620833	33.799	ng		98
48) 2-Nitroaniline	9.374	65	178082	36.148	ng		98
49) Acenaphthylene	9.692	152	962079	36.768	ng		98
50) Dimethylphthalate	9.563	163	731723	35.834	ng		99
51) 2,6-Dinitrotoluene	9.621	165	160734	34.989	ng		99
52) Acenaphthene	9.869	154	573558	34.207	ng		96
53) 3-Nitroaniline	9.786	138	78762	16.790	ng		94
54) 2,4-Dinitrophenol	9.898	184	134758	58.020	ng		92
55) Dibenzofuran	10.039	168	852135	34.788	ng		99
56) 4-Nitrophenol	9.957	139	72813	20.705	ng		99
57) 2,4-Dinitrotoluene	10.027	165	209908	34.541	ng		98
58) Fluorene	10.380	166	673284	34.241	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	174695	34.779	ng		99
60) Diethylphthalate	10.257	149	695814	34.654	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	327392	34.155	ng		98
62) 4-Nitroaniline	10.410	138	149531	32.102	ng		98
63) Azobenzene	10.539	77	615601	33.683	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	99580	33.691	ng		95
66) n-Nitrosodiphenylamine	10.498	169	589970	38.525	ng		99
67) 4-Bromophenyl-phenylether	10.868	248	208401	37.558	ng		96
68) Hexachlorobenzene	10.933	284	235715	36.755	ng	#	90
69) Atrazine	11.027	200	187560	42.912	ng		100
70) Pentachlorophenol	11.127	266	230726	63.746	ng		99
71) Phenanthrene	11.351	178	962983	36.711	ng		99
72) Anthracene	11.398	178	981654	37.154	ng		98
73) Carbazole	11.557	167	801488	34.274	ng		99
74) Di-n-butylphthalate	11.892	149	1011815	35.295	ng		100
75) Fluoranthene	12.539	202	866656	31.527	ng		99
77) Benzidine	12.662	184	121673	28.274	ng		98
78) Pyrene	12.768	202	843072	36.854	ng		98
80) Butylbenzylphthalate	13.398	149	314670	38.641	ng		96
81) Benzo(a)anthracene	13.962	228	597700	36.735	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	130009	28.499	ng		97
83) Chrysene	14.004	228	581971	36.355	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	414903	41.561	ng		99
85) Di-n-octyl phthalate	14.580	149	665405	45.124	ng		98
87) Indeno(1,2,3-cd)pyrene	16.956	276	718013	38.864	ng		100
88) Benzo(b)fluoranthene	15.021	252	602262	33.123	ng		99
89) Benzo(k)fluoranthene	15.051	252	562465	32.824	ng		99
90) Benzo(a)pyrene	15.392	252	532109	35.436	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	597421	39.471	ng		98
92) Benzo(g,h,i)perylene	17.415	276	583200	37.541	ng		98

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

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