Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140857.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 16 16:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	76578	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	298630	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	192062	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	358020	20.000	ng		0.00
76) Chrysene-d12	14.027	240	282501	20.000	ng		0.00
86) Perylene-d12	15.533	264	236486	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	94639	20.344	ng		0.00
7) Phenol-d6	6.492	99	127200	20.645	ng		0.00
23) Nitrobenzene-d5	7.410	82	119665	20.048	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	45327	19.954	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	270749	19.381	ng		0.00
79) Terphenyl-d14	12.951	244	352398	19.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	20526	10.244	ng		95
3) Pyridine	3.428	79	45270	9.756	ng		100
4) n-Nitrosodimethylamine	3.351	42	22689	9.699	ng		99
6) Aniline	6.516	93	55946	10.620	ng	#	80
8) 2-Chlorophenol	6.639	128	52812	10.411	ng		97
9) Benzaldehyde	6.404	77	40257	11.792	ng		97
10) Phenol	6.510	94	64718	10.135	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	47546	9.984	ng		97
12) 1,3-Dichlorobenzene	6.786	146	58952	10.199	ng		98
13) 1,4-Dichlorobenzene	6.863	146	61319	10.451	ng		98
14) 1,2-Dichlorobenzene	7.016	146	57259	10.343	ng		97
15) Benzyl Alcohol	6.998	79	43771	9.936	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	57243	10.204	ng		94
17) 2-Methylphenol	7.110	107	42307	10.446	ng		97
18) Hexachloroethane	7.351	117	22224	10.174	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	38459	10.406	ng		99
20) 3+4-Methylphenols	7.269	107	57077	10.628	ng	#	84
22) Acetophenone	7.257	105	75049	10.046	ng		96
24) Nitrobenzene	7.428	77	61294	10.024	ng		100
25) Isophorone	7.669	82	100405	10.039	ng		99
26) 2-Nitrophenol	7.751	139	27623	9.808	ng		97
27) 2,4-Dimethylphenol	7.786	122	32852	9.988	ng		94
28) bis(2-Chloroethoxy)met...	7.875	93	61752	9.886	ng		98
29) 2,4-Dichlorophenol	8.004	162	46274	10.191	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	52790	10.141	ng		99
31) Naphthalene	8.145	128	168002	10.241	ng		99
32) Benzoic acid	7.898	122	25770	8.261	ng		98
33) 4-Chloroaniline	8.204	127	55948	10.269	ng		98
34) Hexachlorobutadiene	8.257	225	35099	10.022	ng		97
35) Caprolactam	8.557	113	13417	9.925	ng		98
36) 4-Chloro-3-methylphenol	8.692	107	51876	10.150	ng		97
37) 2-Methylnaphthalene	8.839	142	109525	10.093	ng		99
38) 1-Methylnaphthalene	8.939	142	110917	10.335	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	55018	9.320	ng		99
41) Hexachlorocyclopentadiene	8.986	237	8781	8.866	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	32555	9.006	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	35030	8.817	ng	99
46) 1,1'-Biphenyl	9.298	154	145227	9.509	ng	99
47) 2-Chloronaphthalene	9.327	162	111077	9.507	ng	99
48) 2-Nitroaniline	9.433	65	33225	9.416	ng	98
49) Acenaphthylene	9.739	152	174905	10.187	ng	98
50) Dimethylphthalate	9.598	163	131257	9.693	ng	99
51) 2,6-Dinitrotoluene	9.669	165	30431	9.831	ng	97
52) Acenaphthene	9.916	154	114273	10.419	ng	99
53) 3-Nitroaniline	9.845	138	30367	9.885	ng	100
54) 2,4-Dinitrophenol	9.986	184	8488	11.701	ng	95
55) Dibenzofuran	10.086	168	180108	10.598	ng	99
56) 4-Nitrophenol	10.051	139	8781m	9.461	ng	
57) 2,4-Dinitrotoluene	10.080	165	42109	10.339	ng	99
58) Fluorene	10.427	166	146155	10.424	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	29950	9.251	ng	94
60) Diethylphthalate	10.292	149	142484	10.147	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	72010	10.224	ng	99
62) 4-Nitroaniline	10.457	138	31962	9.956	ng	98
63) Azobenzene	10.580	77	135524	10.267	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	17756	8.752	ng	97
66) n-Nitrosodiphenylamine	10.539	169	121500	11.038	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	44385	11.082	ng	98
68) Hexachlorobenzene	10.980	284	50135	11.040	ng	99
69) Atrazine	11.063	200	36472	11.864	ng	100
70) Pentachlorophenol	11.192	266	11171m	6.725	ng	
71) Phenanthrene	11.392	178	193504	10.510	ng	99
72) Anthracene	11.445	178	190407	10.502	ng	99
73) Carbazole	11.604	167	182199	10.259	ng	100
74) Di-n-butylphthalate	11.921	149	215903	10.359	ng	99
75) Fluoranthene	12.586	202	231038	10.896	ng	100
77) Benzidine	12.716	184	45074	7.818	ng	99
78) Pyrene	12.815	202	242761	9.663	ng	99
80) Butylbenzylphthalate	13.427	149	86987	9.411	ng	98
81) Benzo(a)anthracene	14.015	228	208127	10.395	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	60368	9.994	ng	98
83) Chrysene	14.057	228	181387	9.963	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	113963	9.562	ng	100
85) Di-n-octyl phthalate	14.627	149	165198	9.161	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	138792	9.405	ng	99
88) Benzo(b)fluoranthene	15.104	252	173313	10.558	ng	99
89) Benzo(k)fluoranthene	15.127	252	147840	10.499	ng	99
90) Benzo(a)pyrene	15.474	252	128194	9.973	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	116533	9.532	ng	99
92) Benzo(g,h,i)perylene	17.492	276	114976	9.240	ng	99

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

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