Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138032.D
Acq On : 23 May 2024 17:31
Operator : CG\JU
Sample : P2578-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

Quant Time: May 24 01:24:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	136726	20.000	ng		-0.01
21) Naphthalene-d8	8.316	136	512005	20.000	ng		-0.01
39) Acenaphthene-d10	10.081	164	259694	20.000	ng		0.00
64) Phenanthrene-d10	11.575	188	369098	20.000	ng		0.00
76) Chrysene-d12	14.227	240	265992	20.000	ng		0.00
86) Perylene-d12	15.798	264	223212	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	100655	12.505	ng		-0.01
7) Phenol-d6	6.640	99	125831	12.691	ng		-0.02
23) Nitrobenzene-d5	7.592	82	73342	8.430	ng		-0.02
42) 2,4,6-Tribromophenol	10.869	330	28512	10.889	ng		-0.01
45) 2-Fluorobiphenyl	9.392	172	169859	10.075	ng		0.00
79) Terphenyl-d14	13.157	244	130986	7.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.940	88	25958	7.444	ng	#	94
3) Pyridine	3.716	79	58042	7.418	ng		99
4) n-Nitrosodimethylamine	3.657	42	28083	8.136	ng		96
6) Aniline	6.693	93	42440	4.785	ng		97
8) 2-Chlorophenol	6.816	128	82507	9.472	ng		97
9) Benzaldehyde	6.587	77	13348	2.488	ng		98
10) Phenol	6.657	94	93408	9.333	ng		92
11) bis(2-Chloroethyl)ether	6.757	93	73696	9.590	ng		98
12) 1,3-Dichlorobenzene	6.975	146	91289	9.058	ng		98
13) 1,4-Dichlorobenzene	7.051	146	93366	9.229	ng		99
14) 1,2-Dichlorobenzene	7.204	146	87253	9.164	ng		98
15) Benzyl Alcohol	7.163	79	62677	9.467	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.292	45	93566	9.906	ng		98
17) 2-Methylphenol	7.269	107	62522	9.000	ng		99
18) Hexachloroethane	7.545	117	28542	8.338	ng		97
19) n-Nitroso-di-n-propyla...	7.428	70	55621	9.985	ng		95
20) 3+4-Methylphenols	7.422	107	82085	9.020	ng		98
22) Acetophenone	7.434	105	113194	9.869	ng	#	96
24) Nitrobenzene	7.610	77	76221	8.636	ng		100
25) Isophorone	7.845	82	145968	9.667	ng		98
26) 2-Nitrophenol	7.928	139	39200	8.839	ng		99
27) 2,4-Dimethylphenol	7.951	122	55822	9.777	ng		98
28) bis(2-Chloroethoxy)met...	8.051	93	90090	9.844	ng		99
29) 2,4-Dichlorophenol	8.163	162	65156	9.075	ng		97
30) 1,2,4-Trichlorobenzene	8.257	180	74282	9.266	ng		98
31) Naphthalene	8.339	128	242284	9.411	ng		99
32) Benzoic acid	8.004	122	28321m	5.868	ng		
33) 4-Chloroaniline	8.381	127	43948	5.208	ng		97
34) Hexachlorobutadiene	8.451	225	44517	8.773	ng		97
35) Caprolactam	8.722	113	18669	8.975	ng		95
36) 4-Chloro-3-methylphenol	8.851	107	63053	8.633	ng		98
37) 2-Methylnaphthalene	9.034	142	153984	9.305	ng		98
38) 1-Methylnaphthalene	9.134	142	142354	8.750	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	71294	10.098	ng		99
41) Hexachlorocyclopentadiene	9.181	237	19836	7.394	ng		96
43) 2,4,6-Trichlorophenol	9.304	196	43556	9.409	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	43912	8.670	ng		96
46) 1,1'-Biphenyl	9.492	154	186095	10.217	ng		99
47) 2-Chloronaphthalene	9.522	162	138779	9.545	ng		99
48) 2-Nitroaniline	9.616	65	34208	9.187	ng		93
49) Acenaphthylene	9.939	152	215866	10.325	ng		100
50) Dimethylphthalate	9.786	163	169968	10.437	ng		100
51) 2,6-Dinitrotoluene	9.851	165	33385	8.932	ng		99
52) Acenaphthene	10.116	154	125496	9.082	ng		98
53) 3-Nitroaniline	10.028	138	26307	7.200	ng		92
54) 2,4-Dinitrophenol	10.133	184	5609	9.503	ng		85
55) Dibenzofuran	10.286	168	190974	9.496	ng		97
56) 4-Nitrophenol	10.175	139	37104	14.138	ng		93
57) 2,4-Dinitrotoluene	10.257	165	40484	8.379	ng		94
58) Fluorene	10.628	166	146683	9.222	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.398	232	33499	8.419	ng		97
60) Diethylphthalate	10.486	149	155363	10.215	ng		97
61) 4-Chlorophenyl-phenyle...	10.616	204	72243	9.210	ng		99
62) 4-Nitroaniline	10.633	138	28352	8.181	ng		97
63) Azobenzene	10.780	77	123960	8.960	ng		98
65) 4,6-Dinitro-2-methylph...	10.663	198	6195	2.907	ng		84
66) n-Nitrosodiphenylamine	10.733	169	124169	10.970	ng		98
67) 4-Bromophenyl-phenylether	11.110	248	41400	10.231	ng		99
68) Hexachlorobenzene	11.180	284	41044	9.176	ng		97
69) Atrazine	11.257	200	38118	12.332	ng		99
70) Pentachlorophenol	11.375	266	37958	14.488	ng		98
71) Phenanthrene	11.598	178	182067	10.010	ng		99
72) Anthracene	11.651	178	177203	9.819	ng		99
73) Carbazole	11.804	167	155567	9.437	ng		97
74) Di-n-butylphthalate	12.122	149	202402	11.063	ng		99
75) Fluoranthene	12.792	202	182172	9.867	ng		99
77) Benzidine	12.916	184	46309	13.322	ng		94
78) Pyrene	13.027	202	189244	8.134	ng		98
80) Butylbenzylphthalate	13.633	149	70158	9.998	ng		96
81) Benzo(a)anthracene	14.216	228	167883	9.976	ng		99
82) 3,3'-Dichlorobenzidine	14.174	252	43880	9.409	ng		97
83) Chrysene	14.251	228	160605	9.979	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	102515	11.622	ng		99
85) Di-n-octyl phthalate	14.816	149	174520	14.645	ng		97
87) Indeno(1,2,3-cd)pyrene	17.415	276	97726	6.815	ng		98
88) Benzo(b)fluoranthene	15.321	252	133370	10.319	ng		98
89) Benzo(k)fluoranthene	15.351	252	133999	10.554	ng		96
90) Benzo(a)pyrene	15.721	252	113258	10.263	ng	#	95
91) Dibenzo(a,h)anthracene	17.439	278	79464	6.707	ng		96
92) Benzo(g,h,i)perylene	17.915	276	75218	6.043	ng		98

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

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