Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF138014.D
Acq On : 22 May 2024 19:55
Operator : CG\JU
Sample : P2564-01MS 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-05212024MS

Quant Time: May 23 01:13:56 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	7.033	152	139638	20.000	ng		-0.01
21) Naphthalene-d8	8.316	136	523313	20.000	ng		-0.01
39) Acenaphthene-d10	10.080	164	246560	20.000	ng		0.00
64) Phenanthrene-d10	11.574	188	350146	20.000	ng		0.00
76) Chrysene-d12	14.227	240	281097	20.000	ng		0.00
86) Perylene-d12	15.792	264	210111	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	347101	42.224	ng		0.00
7) Phenol-d6	6.645	99	425120	41.981	ng		-0.01
23) Nitrobenzene-d5	7.592	82	250236	28.141	ng		-0.02
42) 2,4,6-Tribromophenol	10.868	330	94029	37.822	ng		-0.01
45) 2-Fluorobiphenyl	9.392	172	527643	32.965	ng		0.00
79) Terphenyl-d14	13.157	244	468205	24.548	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.951	88	59485	16.704	ng		95
3) Pyridine	3.722	79	141163	17.666	ng		97
4) n-Nitrosodimethylamine	3.675	42	70309	19.945	ng	#	99
6) Aniline	6.692	93	143977	15.896	ng		99
8) 2-Chlorophenol	6.816	128	193050	21.700	ng		100
9) Benzaldehyde	6.586	77	32006	5.842	ng		99
10) Phenol	6.657	94	219455	21.471	ng		98
11) bis(2-Chloroethyl)ether	6.763	93	168809	21.510	ng		98
12) 1,3-Dichlorobenzene	6.975	146	207489	20.158	ng		98
13) 1,4-Dichlorobenzene	7.051	146	210244	20.349	ng		99
14) 1,2-Dichlorobenzene	7.204	146	198882	20.453	ng		98
15) Benzyl Alcohol	7.169	79	148378	21.943	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	212701	22.048	ng		98
17) 2-Methylphenol	7.269	107	145746	20.543	ng		99
18) Hexachloroethane	7.545	117	69471	19.871	ng		95
19) n-Nitroso-di-n-propyla...	7.433	70	125386	22.039	ng		99
20) 3+4-Methylphenols	7.422	107	195099	20.991	ng		97
22) Acetophenone	7.439	105	260247	22.199	ng	#	98
24) Nitrobenzene	7.610	77	184124	20.411	ng		94
25) Isophorone	7.845	82	332089	21.518	ng		99
26) 2-Nitrophenol	7.928	139	98213	21.668	ng		96
27) 2,4-Dimethylphenol	7.951	122	133119	22.811	ng		97
28) bis(2-Chloroethoxy)met...	8.057	93	206043	22.028	ng		98
29) 2,4-Dichlorophenol	8.169	162	151451	20.638	ng		98
30) 1,2,4-Trichlorobenzene	8.257	180	167466	20.439	ng		97
31) Naphthalene	8.339	128	549580	20.887	ng		99
32) Benzoic acid	8.033	122	80663	16.351	ng		98
33) 4-Chloroaniline	8.380	127	110273	12.784	ng		98
34) Hexachlorobutadiene	8.451	225	104471	20.144	ng		97
35) Caprolactam	8.733	113	40353	18.980	ng		92
36) 4-Chloro-3-methylphenol	8.857	107	143806	19.264	ng		100
37) 2-Methylnaphthalene	9.033	142	349211	20.647	ng		99
38) 1-Methylnaphthalene	9.133	142	315034	18.946	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	160932	24.009	ng		99
41) Hexachlorocyclopentadiene	9.180	237	59515	23.367	ng		98
43) 2,4,6-Trichlorophenol	9.304	196	99510	22.642	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	98806	20.547	ng		95
46) 1,1'-Biphenyl	9.498	154	413233	23.895	ng		99
47) 2-Chloronaphthalene	9.522	162	304559	22.062	ng		98
48) 2-Nitroaniline	9.616	65	75719	21.420	ng		96
49) Acenaphthylene	9.945	152	465213	23.437	ng		100
50) Dimethylphthalate	9.786	163	366857	23.728	ng		99
51) 2,6-Dinitrotoluene	9.857	165	73690	20.766	ng		95
52) Acenaphthene	10.116	154	272746	20.790	ng		100
53) 3-Nitroaniline	10.027	138	57619	16.609	ng		97
54) 2,4-Dinitrophenol	10.133	184	18732	15.888	ng	#	81
55) Dibenzofuran	10.286	168	405969	21.263	ng		99
56) 4-Nitrophenol	10.174	139	93666	37.592	ng		96
57) 2,4-Dinitrotoluene	10.257	165	89380	19.483	ng	#	88
58) Fluorene	10.633	166	306506	20.296	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.398	232	74414	19.698	ng		98
60) Diethylphthalate	10.492	149	324466	22.470	ng		99
61) 4-Chlorophenyl-phenyle...	10.621	204	157948	21.208	ng		91
62) 4-Nitroaniline	10.639	138	56101	17.050	ng		97
63) Azobenzene	10.780	77	270502	20.595	ng		99
65) 4,6-Dinitro-2-methylph...	10.669	198	16425	8.124	ng		98
66) n-Nitrosodiphenylamine	10.733	169	264339	24.617	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	88013	22.928	ng		94
68) Hexachlorobenzene	11.180	284	91410	21.543	ng		97
69) Atrazine	11.257	200	79356	27.064	ng		99
70) Pentachlorophenol	11.374	266	104970	42.233	ng		99
71) Phenanthrene	11.598	178	401746	23.283	ng		100
72) Anthracene	11.651	178	397841	23.238	ng		100
73) Carbazole	11.804	167	349627	22.356	ng		99
74) Di-n-butylphthalate	12.127	149	427725	24.644	ng		99
75) Fluoranthene	12.792	202	444290	25.368	ng		98
77) Benzidine	12.915	184	76257	20.758	ng		97
78) Pyrene	13.027	202	464985	18.913	ng		99
80) Butylbenzylphthalate	13.633	149	172666	23.284	ng		99
81) Benzo(a)anthracene	14.215	228	409893	23.048	ng		99
82) 3,3'-Dichlorobenzidine	14.174	252	98132	19.911	ng		99
83) Chrysene	14.257	228	388988	22.871	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	256559	27.522	ng		99
85) Di-n-octyl phthalate	14.815	149	425199	33.763	ng		100
87) Indeno(1,2,3-cd)pyrene	17.415	276	246141	18.234	ng		98
88) Benzo(b)fluoranthene	15.321	252	311973	25.644	ng		98
89) Benzo(k)fluoranthene	15.351	252	305550	25.566	ng		99
90) Benzo(a)pyrene	15.721	252	258601	24.894	ng	#	96
91) Dibenzo(a,h)anthracene	17.439	278	194959	17.480	ng		99
92) Benzo(g,h,i)perylene	17.909	276	190352	16.247	ng		99

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

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