Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140373.D
Acq On : 14 Nov 2024 20:09
Operator : RC/JU
Sample : P4788-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-G3MS

Quant Time: Nov 15 00:28:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	111295	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	409660	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	199456	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	299656	20.000	ng		0.00
76) Chrysene-d12	14.051	240	210493	20.000	ng		0.00
86) Perylene-d12	15.545	264	152385	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	670111	102.802	ng		0.02
7) Phenol-d6	6.516	99	906517	102.646	ng		0.01
23) Nitrobenzene-d5	7.434	82	567436	72.170	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	182656	92.091	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	992308	79.977	ng		0.00
79) Terphenyl-d14	12.980	244	793395	65.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	147108	50.635	ng		99
3) Pyridine	3.469	79	360501	50.474	ng		99
4) n-Nitrosodimethylamine	3.416	42	190334	52.727	ng		99
6) Aniline	6.540	93	239160	31.130	ng	#	15
8) 2-Chlorophenol	6.663	128	374433	53.475	ng		98
9) Benzaldehyde	6.422	77	49544	9.360	ng		96
10) Phenol	6.534	94	479050	51.436	ng		83
11) bis(2-Chloroethyl)ether	6.604	93	374384	53.053	ng		99
12) 1,3-Dichlorobenzene	6.816	146	394686	51.088	ng		100
13) 1,4-Dichlorobenzene	6.892	146	397536	50.747	ng		99
14) 1,2-Dichlorobenzene	7.045	146	374796	51.537	ng		100
15) Benzyl Alcohol	7.022	79	343579	53.998	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	491953	50.470	ng		54
17) 2-Methylphenol	7.139	107	290189	50.379	ng	#	89
18) Hexachloroethane	7.387	117	144889	50.031	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	268756	50.387	ng		99
20) 3+4-Methylphenols	7.292	107	375407	52.114	ng	#	83
22) Acetophenone	7.281	105	504068	52.905	ng		97
24) Nitrobenzene	7.457	77	417659	51.020	ng		99
25) Isophorone	7.692	82	720366	51.696	ng		100
26) 2-Nitrophenol	7.769	139	190880	52.545	ng		97
27) 2,4-Dimethylphenol	7.810	122	278274	59.834	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	440051	51.501	ng		100
29) 2,4-Dichlorophenol	8.016	162	299866	52.171	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	317828	49.667	ng		100
31) Naphthalene	8.175	128	1056407	50.834	ng		100
32) Benzoic acid	7.928	122	182285	44.542	ng		98
33) 4-Chloroaniline	8.228	127	98690	13.655	ng		98
34) Hexachlorobutadiene	8.292	225	202903	49.765	ng		99
35) Caprolactam	8.598	113	95111	49.786	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	310591	48.761	ng		99
37) 2-Methylnaphthalene	8.869	142	673867	50.570	ng		100
38) 1-Methylnaphthalene	8.969	142	621362	47.618	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	312411	56.641	ng		99
41) Hexachlorocyclopentadiene	9.016	237	111447	78.697	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	201664	55.713	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	203090	51.318	ng	98
46) 1,1'-Biphenyl	9.333	154	801766	55.255	ng	99
47) 2-Chloronaphthalene	9.357	162	598493	54.145	ng	99
48) 2-Nitroaniline	9.457	65	196415	53.581	ng	98
49) Acenaphthylene	9.775	152	943274	56.403	ng	100
50) Dimethylphthalate	9.633	163	716461	55.109	ng	100
51) 2,6-Dinitrotoluene	9.692	165	152360	51.406	ng	98
52) Acenaphthene	9.945	154	620030	54.891	ng	99
53) 3-Nitroaniline	9.863	138	116941	37.570	ng	99
54) 2,4-Dinitrophenol	9.975	184	98591	64.506	ng	98
55) Dibenzofuran	10.116	168	846764	52.955	ng	99
56) 4-Nitrophenol	10.039	139	190172	83.763	ng	98
57) 2,4-Dinitrotoluene	10.098	165	194086	49.757	ng	99
58) Fluorene	10.463	166	615625	48.735	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	151199	48.387	ng	99
60) Diethylphthalate	10.328	149	682684	51.353	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	309749	49.668	ng	98
62) 4-Nitroaniline	10.480	138	126935	39.884	ng	99
63) Azobenzene	10.610	77	715955	54.507	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	77820	48.269	ng	94
66) n-Nitrosodiphenylamine	10.569	169	528666	61.060	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	171336	57.200	ng	97
68) Hexachlorobenzene	11.010	284	186016	55.194	ng	98
69) Atrazine	11.098	200	159165	60.762	ng	100
70) Pentachlorophenol	11.210	266	173345	95.484	ng	99
71) Phenanthrene	11.422	178	767151	54.499	ng	100
72) Anthracene	11.474	178	781067	56.616	ng	99
73) Carbazole	11.633	167	691206	50.742	ng	99
74) Di-n-butylphthalate	11.957	149	864649	52.885	ng	100
75) Fluoranthene	12.616	202	800968	50.718	ng	99
77) Benzidine	12.733	184	191708	23.730	ng	99
78) Pyrene	12.845	202	837892	46.537	ng	100
80) Butylbenzylphthalate	13.457	149	357112	51.631	ng	99
81) Benzo(a)anthracene	14.039	228	738067	53.351	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	149526	34.005	ng	99
83) Chrysene	14.074	228	671767	53.220	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	486442	52.690	ng	99
85) Di-n-octyl phthalate	14.657	149	732257	56.317	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	466869	49.597	ng	99
88) Benzo(b)fluoranthene	15.110	252	555255	55.702	ng	99
89) Benzo(k)fluoranthene	15.139	252	480296	58.980	ng	98
90) Benzo(a)pyrene	15.486	252	451921	58.380	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	382832	49.201	ng	99
92) Benzo(g,h,i)perylene	17.503	276	349847	43.980	ng	99

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

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