Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140385.D
Acq On : 15 Nov 2024 01:24
Operator : RC/JU
Sample : P4807-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

Quant Time: Nov 15 02:37:58 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	6.881	152	119586	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	425160	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	198347	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	314849	20.000	ng		0.00
76) Chrysene-d12	14.051	240	183952	20.000	ng		0.00
86) Perylene-d12	15.533	264	145058	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	695829	99.347	ng		0.03
7) Phenol-d6	6.528	99	921354	97.093	ng		0.02
23) Nitrobenzene-d5	7.440	82	567554	69.553	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	184263	93.420	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	971805	78.762	ng		0.00
79) Terphenyl-d14	12.986	244	829984	78.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	157611	50.489	ng		98
3) Pyridine	3.475	79	394322	51.382	ng		98
4) n-Nitrosodimethylamine	3.434	42	207082	53.390	ng		98
6) Aniline	6.546	93	171852	20.818	ng	#	1
8) 2-Chlorophenol	6.675	128	402332	53.476	ng		97
9) Benzaldehyde	6.428	77	51146	8.993	ng		98
10) Phenol	6.546	94	503686	50.332	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	407240	53.708	ng		99
12) 1,3-Dichlorobenzene	6.822	146	422972	50.953	ng		99
13) 1,4-Dichlorobenzene	6.898	146	424354	50.415	ng		98
14) 1,2-Dichlorobenzene	7.045	146	401140	51.335	ng		98
15) Benzyl Alcohol	7.028	79	364210	53.272	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	514388	49.113	ng	#	31
17) 2-Methylphenol	7.145	107	307308	49.652	ng	#	86
18) Hexachloroethane	7.387	117	129764	41.701	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	292499	51.036	ng		99
20) 3+4-Methylphenols	7.298	107	418488	54.067	ng	#	77
22) Acetophenone	7.287	105	546994	55.317	ng		94
24) Nitrobenzene	7.457	77	439091	51.682	ng		99
25) Isophorone	7.698	82	772931	53.446	ng		100
26) 2-Nitrophenol	7.775	139	203268	53.915	ng		98
27) 2,4-Dimethylphenol	7.822	122	294340	60.981	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	474635	53.524	ng		100
29) 2,4-Dichlorophenol	8.028	162	314657	52.748	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	334563	50.376	ng		100
31) Naphthalene	8.181	128	1117411	51.810	ng		100
32) Benzoic acid	7.940	122	188089	44.285	ng		97
33) 4-Chloroaniline	8.234	127	77798	10.372	ng		99
34) Hexachlorobutadiene	8.292	225	217257	51.343	ng		99
35) Caprolactam	8.598	113	98119	49.489	ng		98
36) 4-Chloro-3-methylphenol	8.728	107	319997	48.406	ng		99
37) 2-Methylnaphthalene	8.875	142	691501	50.002	ng		100
38) 1-Methylnaphthalene	8.969	142	638495	47.148	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	325461	59.337	ng		100
41) Hexachlorocyclopentadiene	9.022	237	44040	31.272	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	205181	57.002	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	208773	53.049	ng	97
46) 1,1'-Biphenyl	9.334	154	828132	57.391	ng	99
47) 2-Chloronaphthalene	9.363	162	608897	55.395	ng	99
48) 2-Nitroaniline	9.463	65	197129	54.076	ng	99
49) Acenaphthylene	9.781	152	943740	56.746	ng	99
50) Dimethylphthalate	9.634	163	743465	57.506	ng	100
51) 2,6-Dinitrotoluene	9.698	165	150527	51.072	ng	99
52) Acenaphthene	9.951	154	579281	51.571	ng	100
53) 3-Nitroaniline	9.869	138	94897	30.658	ng	99
54) 2,4-Dinitrophenol	9.981	184	33562	22.082	ng	96
55) Dibenzofuran	10.122	168	829627	52.173	ng	100
56) 4-Nitrophenol	10.051	139	201689	89.332	ng	99
57) 2,4-Dinitrotoluene	10.104	165	187272	48.278	ng	98
58) Fluorene	10.463	166	627627	49.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	156307	50.301	ng	98
60) Diethylphthalate	10.334	149	704674	53.304	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	315126	50.813	ng	98
62) 4-Nitroaniline	10.486	138	116065	36.673	ng	96
63) Azobenzene	10.616	77	693248	53.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	31615	18.663	ng	95
66) n-Nitrosodiphenylamine	10.575	169	541221	59.494	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	175902	55.890	ng	99
68) Hexachlorobenzene	11.016	284	190682	53.848	ng	97
69) Atrazine	11.104	200	165030	59.961	ng	98
70) Pentachlorophenol	11.216	266	191382	100.332	ng	99
71) Phenanthrene	11.428	178	823721	55.694	ng	100
72) Anthracene	11.480	178	832107	57.405	ng	99
73) Carbazole	11.639	167	764193	53.393	ng	100
74) Di-n-butylphthalate	11.963	149	954091	55.540	ng	100
75) Fluoranthene	12.622	202	886665	53.435	ng	100
77) Benzidine	12.745	184	340456	48.222	ng	99
78) Pyrene	12.851	202	907073	57.648	ng	100
80) Butylbenzylphthalate	13.463	149	380929	63.021	ng	99
81) Benzo(a)anthracene	14.039	228	667728	55.231	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	189085	49.206	ng	99
83) Chrysene	14.074	228	617595	55.988	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	506664	62.799	ng	100
85) Di-n-octyl phthalate	14.639	149	738703	65.010	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	488769	54.546	ng	100
88) Benzo(b)fluoranthene	15.098	252	524082	55.231	ng	100
89) Benzo(k)fluoranthene	15.127	252	417397	53.845	ng	99
90) Benzo(a)pyrene	15.474	252	428646	58.170	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	408576	55.162	ng	100
92) Benzo(g,h,i)perylene	17.498	276	364424	48.127	ng	99

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

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