Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140384.D
Acq On : 15 Nov 2024 00:58
Operator : RC/JU
Sample : P4807-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BF-F14MS

Quant Time: Nov 15 02:37:34 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	114078	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	399733	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	179233	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	286710	20.000	ng		0.00
76) Chrysene-d12	14.051	240	177720	20.000	ng		0.00
86) Perylene-d12	15.533	264	137296	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	643246	96.273	ng		0.03
7) Phenol-d6	6.528	99	845241	93.373	ng		0.02
23) Nitrobenzene-d5	7.440	82	511654	66.691	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	159681	89.591	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	853248	76.528	ng		0.00
79) Terphenyl-d14	12.986	244	764846	74.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	144630	48.568	ng		99
3) Pyridine	3.475	79	367690	50.225	ng		99
4) n-Nitrosodimethylamine	3.428	42	190892	51.592	ng		98
6) Aniline	6.545	93	154474	19.617	ng	#	1
8) 2-Chlorophenol	6.675	128	366932	51.125	ng		97
9) Benzaldehyde	6.428	77	46915	8.647	ng		99
10) Phenol	6.545	94	461756	48.370	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	374140	51.725	ng		99
12) 1,3-Dichlorobenzene	6.822	146	386959	48.865	ng		99
13) 1,4-Dichlorobenzene	6.898	146	391308	48.733	ng		100
14) 1,2-Dichlorobenzene	7.045	146	369667	49.592	ng		99
15) Benzyl Alcohol	7.028	79	330408	50.661	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	474608	47.503	ng	#	23
17) 2-Methylphenol	7.145	107	274594	46.509	ng	#	87
18) Hexachloroethane	7.387	117	115246	38.824	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	268425	49.097	ng		100
20) 3+4-Methylphenols	7.304	107	377239	51.091	ng	#	65
22) Acetophenone	7.287	105	495289	53.274	ng		94
24) Nitrobenzene	7.457	77	402240	50.356	ng		98
25) Isophorone	7.698	82	695352	51.140	ng		100
26) 2-Nitrophenol	7.775	139	180565	50.940	ng		99
27) 2,4-Dimethylphenol	7.822	122	265151	58.428	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	425869	51.079	ng		100
29) 2,4-Dichlorophenol	8.028	162	276319	49.268	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	302792	48.492	ng		99
31) Naphthalene	8.181	128	1001427	49.386	ng		100
32) Benzoic acid	7.934	122	161731	40.501	ng		98
33) 4-Chloroaniline	8.234	127	62528	8.867	ng		98
34) Hexachlorobutadiene	8.292	225	200419	50.376	ng		99
35) Caprolactam	8.592	113	85469	45.850	ng		100
36) 4-Chloro-3-methylphenol	8.722	107	277501	44.648	ng		100
37) 2-Methylnaphthalene	8.875	142	614739	47.279	ng		100
38) 1-Methylnaphthalene	8.969	142	561842	44.126	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	286126	57.729	ng		99
41) Hexachlorocyclopentadiene	9.022	237	26821	21.076	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	176199	54.170	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	180171	50.663	ng	96
46) 1,1'-Biphenyl	9.334	154	731486	56.099	ng	100
47) 2-Chloronaphthalene	9.363	162	524700	52.825	ng	99
48) 2-Nitroaniline	9.463	65	168520	51.158	ng	99
49) Acenaphthylene	9.775	152	821125	54.639	ng	100
50) Dimethylphthalate	9.634	163	640934	54.862	ng	99
51) 2,6-Dinitrotoluene	9.698	165	126329	47.433	ng	99
52) Acenaphthene	9.951	154	494751	48.742	ng	100
53) 3-Nitroaniline	9.869	138	84546	30.227	ng	98
54) 2,4-Dinitrophenol	9.981	184	21949	15.981	ng	97
55) Dibenzofuran	10.122	168	723416	50.345	ng	99
56) 4-Nitrophenol	10.051	139	178721	87.601	ng	99
57) 2,4-Dinitrotoluene	10.104	165	158612	45.250	ng	98
58) Fluorene	10.463	166	539273	47.507	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	134449	47.881	ng	98
60) Diethylphthalate	10.333	149	602660	50.449	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	273135	48.739	ng	97
62) 4-Nitroaniline	10.481	138	100466	35.129	ng	100
63) Azobenzene	10.616	77	593194	50.256	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	20720	13.432	ng	95
66) n-Nitrosodiphenylamine	10.575	169	460092	55.540	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	154128	53.778	ng	98
68) Hexachlorobenzene	11.016	284	167917	52.073	ng	96
69) Atrazine	11.104	200	142169	56.725	ng	100
70) Pentachlorophenol	11.216	266	169233	97.428	ng	100
71) Phenanthrene	11.428	178	716282	53.183	ng	100
72) Anthracene	11.480	178	726040	55.004	ng	99
73) Carbazole	11.639	167	679456	52.131	ng	100
74) Di-n-butylphthalate	11.963	149	835374	53.402	ng	100
75) Fluoranthene	12.622	202	803303	53.162	ng	99
77) Benzidine	12.745	184	313106	45.903	ng	99
78) Pyrene	12.851	202	839322	55.213	ng	99
80) Butylbenzylphthalate	13.463	149	346607	59.353	ng	98
81) Benzo(a)anthracene	14.039	228	601203	51.472	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	165367	44.543	ng	99
83) Chrysene	14.080	228	566596	53.166	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	455135	58.390	ng	99
85) Di-n-octyl phthalate	14.639	149	657322	59.876	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	447986	52.821	ng	99
88) Benzo(b)fluoranthene	15.098	252	477779	53.197	ng	99
89) Benzo(k)fluoranthene	15.127	252	381011	51.930	ng	99
90) Benzo(a)pyrene	15.474	252	388572	55.713	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	373227	53.239	ng	100
92) Benzo(g,h,i)perylene	17.492	276	338780	47.269	ng	99

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

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