Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140217.D
Acq On : 04 Nov 2024 14:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 04 16:53:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 16:40:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	205513	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	774366	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	453514	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	808630	20.000	ng	0.00
76) Chrysene-d12	14.057	240	529893	20.000	ng	0.00
86) Perylene-d12	15.563	264	442581	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	511386	42.164	ng	0.00
7) Phenol-d6	6.498	99	649967	41.765	ng	0.00
23) Nitrobenzene-d5	7.434	82	641605	41.916	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	195316	39.060	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1201217	41.401	ng	0.00
79) Terphenyl-d14	12.992	244	1351665	40.698	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	111644	20.854	ng	99
3) Pyridine	3.428	79	271173	20.621	ng	98
4) n-Nitrosodimethylamine	3.375	42	156243	21.210	ng	97
6) Aniline	6.540	93	288671	21.251	ng	99
8) 2-Chlorophenol	6.657	128	265578	20.774	ng	98
9) Benzaldehyde	6.428	77	218986	21.657	ng	99
10) Phenol	6.510	94	347812	21.013	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	262399	20.620	ng	98
12) 1,3-Dichlorobenzene	6.816	146	314471	20.834	ng	99
13) 1,4-Dichlorobenzene	6.893	146	316935	20.786	ng	100
14) 1,2-Dichlorobenzene	7.045	146	300003	21.053	ng	99
15) Benzyl Alcohol	7.010	79	255475	20.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	385965	21.074	ng	100
17) 2-Methylphenol	7.122	107	214545	20.734	ng	99
18) Hexachloroethane	7.387	117	117506	20.700	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	209426	20.610	ng	97
20) 3+4-Methylphenols	7.275	107	280997	21.105	ng	99
22) Acetophenone	7.281	105	394058	20.763	ng	98
24) Nitrobenzene	7.457	77	333201	20.851	ng	99
25) Isophorone	7.692	82	537770	20.681	ng	100
26) 2-Nitrophenol	7.769	139	126942	20.241	ng	97
27) 2,4-Dimethylphenol	7.804	122	176182	20.512	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	320934	20.484	ng	99
29) 2,4-Dichlorophenol	8.010	162	223505	20.577	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	275384	20.649	ng	99
31) Naphthalene	8.181	128	812549	20.814	ng	99
32) Benzoic acid	7.887	122	114477	16.762	ng	99
33) 4-Chloroaniline	8.222	127	270476	20.905	ng	99
34) Hexachlorobutadiene	8.292	225	189350	20.459	ng	99
35) Caprolactam	8.575	113	64434	19.991	ng	90
36) 4-Chloro-3-methylphenol	8.698	107	244993	20.711	ng	99
37) 2-Methylnaphthalene	8.869	142	547831	21.028	ng	100
38) 1-Methylnaphthalene	8.969	142	532792	20.894	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	287377	20.530	ng	99
41) Hexachlorocyclopentadiene	9.022	237	78058	20.333	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	170194	19.912	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	181390	20.312	ng	99
46) 1,1'-Biphenyl	9.334	154	677977	20.595	ng	99
47) 2-Chloronaphthalene	9.357	162	513028	20.540	ng	100
48) 2-Nitroaniline	9.451	65	161499	20.802	ng	99
49) Acenaphthylene	9.775	152	730813	20.789	ng	99
50) Dimethylphthalate	9.634	163	570662	20.519	ng	99
51) 2,6-Dinitrotoluene	9.692	165	136159	20.545	ng	99
52) Acenaphthene	9.945	154	506813	20.227	ng	99
53) 3-Nitroaniline	9.863	138	124560	20.597	ng	99
54) 2,4-Dinitrophenol	9.969	184	46638	19.221	ng	93
55) Dibenzofuran	10.122	168	738263	20.859	ng	98
56) 4-Nitrophenol	10.016	139	91854	20.527	ng	99
57) 2,4-Dinitrotoluene	10.098	165	178210	20.541	ng	97
58) Fluorene	10.463	166	580881	20.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	148471	20.066	ng	98
60) Diethylphthalate	10.334	149	589391	20.803	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	299826	20.587	ng	97
62) 4-Nitroaniline	10.475	138	124305	20.219	ng	99
63) Azobenzene	10.616	77	602364	20.967	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	77660	18.342	ng	93
66) n-Nitrosodiphenylamine	10.569	169	485098	20.827	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	186145	20.441	ng	97
68) Hexachlorobenzene	11.010	284	207009	20.143	ng	97
69) Atrazine	11.098	200	125583	19.272	ng	99
70) Pentachlorophenol	11.204	266	110253	20.145	ng	100
71) Phenanthrene	11.428	178	821157	20.890	ng	99
72) Anthracene	11.480	178	810060	21.028	ng	99
73) Carbazole	11.633	167	741773	21.231	ng	100
74) Di-n-butylphthalate	11.963	149	870794	21.251	ng	100
75) Fluoranthene	12.616	202	891132	21.165	ng	99
77) Benzidine	12.739	184	175904	19.137	ng	99
78) Pyrene	12.845	202	905395	20.806	ng	99
80) Butylbenzylphthalate	13.469	149	315064	20.643	ng	100
81) Benzo(a)anthracene	14.045	228	700839	20.165	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	213830	20.392	ng	100
83) Chrysene	14.080	228	662730	20.730	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	440855	20.769	ng	98
85) Di-n-octyl phthalate	14.669	149	645798	20.516	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	567153	20.359	ng	99
88) Benzo(b)fluoranthene	15.121	252	540061	19.346	ng	100
89) Benzo(k)fluoranthene	15.151	252	555831	22.343	ng	99
90) Benzo(a)pyrene	15.498	252	461839	20.526	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	462446	20.383	ng	100
92) Benzo(g,h,i)perylene	17.521	276	470446	20.308	ng	100

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

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