Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140617.D
Acq On : 25 Nov 2024 21:37
Operator : RC/JU
Sample : P4860-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 01:39:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	54501	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	202613	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	106607	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	220773	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127662	20.000	ng	0.00
86) Perylene-d12	15.533	264	125896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	364179	114.010	ng	0.00
7) Phenol-d6	6.510	99	482332	114.218	ng	0.00
23) Nitrobenzene-d5	7.434	82	310654	78.426	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	147772	129.605	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	606393	84.750	ng	-0.01
79) Terphenyl-d14	12.980	244	667518	81.419	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	64765	48.223	ng	99
3) Pyridine	3.416	79	160781	54.411	ng	98
4) n-Nitrosodimethylamine	3.363	42	87880	50.601	ng	98
6) Aniline	6.534	93	128106	43.100	ng	90
8) 2-Chlorophenol	6.657	128	182299	53.047	ng	98
9) Benzaldehyde	6.422	77	15051	6.733	ng	98
10) Phenol	6.522	94	234998	54.490	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	167150	50.649	ng	100
12) 1,3-Dichlorobenzene	6.810	146	195075	50.518	ng	99
13) 1,4-Dichlorobenzene	6.887	146	197745	50.576	ng	100
14) 1,2-Dichlorobenzene	7.040	146	188262	51.386	ng	99
15) Benzyl Alcohol	7.010	79	165969	52.997	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	207147	53.132	ng	96
17) 2-Methylphenol	7.128	107	144454	52.511	ng	97
18) Hexachloroethane	7.381	117	74360	50.921	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	127074	50.917	ng	97
20) 3+4-Methylphenols	7.281	107	186609	52.776	ng	98
22) Acetophenone	7.275	105	252749	51.168	ng	98
24) Nitrobenzene	7.451	77	199678	48.774	ng	99
25) Isophorone	7.687	82	341198	51.643	ng	99
26) 2-Nitrophenol	7.769	139	94922	52.320	ng	100
27) 2,4-Dimethylphenol	7.804	122	132279m	60.938	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	202636	50.345	ng	100
29) 2,4-Dichlorophenol	8.016	162	151432	52.647	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	160905	48.994	ng	99
31) Naphthalene	8.175	128	529338	50.721	ng	99
32) Benzoic acid	7.928	122	86545	46.143	ng	98
33) 4-Chloroaniline	8.222	127	58067	18.583	ng	97
34) Hexachlorobutadiene	8.287	225	107947	49.624	ng	99
35) Caprolactam	8.581	113	47864m	53.771	ng	
36) 4-Chloro-3-methylphenol	8.710	107	164708	51.144	ng	100
37) 2-Methylnaphthalene	8.863	142	349007	52.651	ng	99
38) 1-Methylnaphthalene	8.963	142	317721	48.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	170729	54.705	ng	98
41) Hexachlorocyclopentadiene	9.016	237	120658	163.611	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	105437	53.840	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	116157	54.653	ng	96
46) 1,1'-Biphenyl	9.328	154	431505	54.213	ng	99
47) 2-Chloronaphthalene	9.351	162	320782	53.189	ng	99
48) 2-Nitroaniline	9.451	65	105407	54.451	ng	97
49) Acenaphthylene	9.769	152	524115	57.517	ng	100
50) Dimethylphthalate	9.628	163	379759	54.088	ng	100
51) 2,6-Dinitrotoluene	9.692	165	84165	52.856	ng	96
52) Acenaphthene	9.939	154	320800	55.406	ng	99
53) 3-Nitroaniline	9.863	138	48999	31.462	ng	97
54) 2,4-Dinitrophenol	9.975	184	87081	103.091	ng	98
55) Dibenzofuran	10.116	168	481150	54.481	ng	100
56) 4-Nitrophenol	10.039	139	135163	127.256	ng	96
57) 2,4-Dinitrotoluene	10.098	165	118430	55.962	ng	96
58) Fluorene	10.457	166	389442	54.937	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	96535	59.100	ng	96
60) Diethylphthalate	10.328	149	386919	54.239	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	187664	53.944	ng	98
62) 4-Nitroaniline	10.481	138	89030	54.506	ng	96
63) Azobenzene	10.610	77	449154	66.488	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	62937	55.787	ng	98
66) n-Nitrosodiphenylamine	10.569	169	328312	50.286	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	111698	49.128	ng	97
68) Hexachlorobenzene	11.004	284	131725	50.035	ng	98
69) Atrazine	11.092	200	110232	60.017	ng	99
70) Pentachlorophenol	11.204	266	125226	108.076	ng	99
71) Phenanthrene	11.422	178	560994	52.862	ng	99
72) Anthracene	11.475	178	572845	55.183	ng	100
73) Carbazole	11.628	167	546630	54.737	ng	100
74) Di-n-butylphthalate	11.951	149	596519	51.739	ng	100
75) Fluoranthene	12.616	202	607954	52.763	ng	99
77) Benzidine	12.733	184	78892	21.255	ng	99
78) Pyrene	12.845	202	610200	51.695	ng	99
80) Butylbenzylphthalate	13.451	149	214360	50.411	ng	97
81) Benzo(a)anthracene	14.033	228	442236	52.331	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	91269	35.972	ng	100
83) Chrysene	14.069	228	415778	53.807	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	271841	50.628	ng	99
85) Di-n-octyl phthalate	14.633	149	396354	54.015	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	420579	51.262	ng	99
88) Benzo(b)fluoranthene	15.098	252	424891	53.731	ng	99
89) Benzo(k)fluoranthene	15.127	252	337178	48.726	ng	99
90) Benzo(a)pyrene	15.474	252	370925	57.690	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	341865	50.879	ng	99
92) Benzo(g,h,i)perylene	17.492	276	307059	44.783	ng	99

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

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