Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140616.D
Acq On : 25 Nov 2024 21:11
Operator : RC/JU
Sample : P4860-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

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

Quant Time: Nov 26 01:37:23 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	62751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	229868	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	123028	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	248895	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146278	20.000	ng	0.00
86) Perylene-d12	15.533	264	146323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	377628	102.678	ng	0.00
7) Phenol-d6	6.510	99	503278	103.510	ng	0.00
23) Nitrobenzene-d5	7.434	82	323834	72.060	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	156051	118.598	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	623523	75.512	ng	-0.01
79) Terphenyl-d14	12.980	244	719566	76.598	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	68007	43.980	ng	99
3) Pyridine	3.416	79	168630	49.564	ng	98
4) n-Nitrosodimethylamine	3.363	42	91522	45.770	ng	99
6) Aniline	6.534	93	129224	37.760	ng	91
8) 2-Chlorophenol	6.657	128	189668	47.935	ng	96
9) Benzaldehyde	6.422	77	15474	6.012	ng	98
10) Phenol	6.522	94	239686	48.271	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	175845	46.279	ng	99
12) 1,3-Dichlorobenzene	6.810	146	201106	45.233	ng	100
13) 1,4-Dichlorobenzene	6.887	146	205910	45.740	ng	99
14) 1,2-Dichlorobenzene	7.040	146	195317	46.302	ng	99
15) Benzyl Alcohol	7.010	79	172200	47.757	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	215220	47.945	ng	96
17) 2-Methylphenol	7.128	107	149656	47.250	ng	97
18) Hexachloroethane	7.381	117	76865	45.716	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	133813	46.568	ng	98
20) 3+4-Methylphenols	7.281	107	192779	47.353	ng	99
22) Acetophenone	7.275	105	263695	47.054	ng	98
24) Nitrobenzene	7.451	77	206608	44.483	ng	98
25) Isophorone	7.687	82	352985	47.092	ng	99
26) 2-Nitrophenol	7.769	139	98861	48.030	ng	99
27) 2,4-Dimethylphenol	7.804	122	139281m	56.556	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	211652	46.350	ng	100
29) 2,4-Dichlorophenol	8.016	162	156516	47.963	ng	97
30) 1,2,4-Trichlorobenzene	8.093	180	166588	44.710	ng	99
31) Naphthalene	8.175	128	550018	46.453	ng	99
32) Benzoic acid	7.928	122	86736	41.600	ng	95
33) 4-Chloroaniline	8.222	127	56843	16.035	ng	98
34) Hexachlorobutadiene	8.287	225	112272	45.493	ng	99
35) Caprolactam	8.587	113	49837m	49.349	ng	
36) 4-Chloro-3-methylphenol	8.710	107	170772	46.740	ng	99
37) 2-Methylnaphthalene	8.863	142	363888	48.387	ng	98
38) 1-Methylnaphthalene	8.963	142	332371	45.089	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	176187	48.918	ng	99
41) Hexachlorocyclopentadiene	9.016	237	131768	155.219	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	107362	47.505	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	117775	48.018	ng	97
46) 1,1'-Biphenyl	9.328	154	444575	48.400	ng	99
47) 2-Chloronaphthalene	9.351	162	332645	47.794	ng	100
48) 2-Nitroaniline	9.451	65	110938	49.659	ng	98
49) Acenaphthylene	9.769	152	545669	51.889	ng	100
50) Dimethylphthalate	9.628	163	395798	48.849	ng	99
51) 2,6-Dinitrotoluene	9.692	165	86649	47.153	ng	95
52) Acenaphthene	9.939	154	331407	49.598	ng	98
53) 3-Nitroaniline	9.863	138	48119	26.773	ng	98
54) 2,4-Dinitrophenol	9.975	184	87224	90.510	ng	99
55) Dibenzofuran	10.116	168	508133	49.857	ng	100
56) 4-Nitrophenol	10.039	139	136997	111.767	ng	97
57) 2,4-Dinitrotoluene	10.098	165	121673	49.820	ng	96
58) Fluorene	10.457	166	401576	49.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	103962	55.152	ng	91
60) Diethylphthalate	10.328	149	400190	48.612	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	195456	48.685	ng	98
62) 4-Nitroaniline	10.481	138	92792	49.226	ng	96
63) Azobenzene	10.610	77	468119	60.046	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	67030	52.702	ng	97
66) n-Nitrosodiphenylamine	10.569	169	346230	47.039	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	117568	45.867	ng	96
68) Hexachlorobenzene	11.004	284	134655	45.369	ng	98
69) Atrazine	11.092	200	113317	54.725	ng	99
70) Pentachlorophenol	11.204	266	130430	99.849	ng	99
71) Phenanthrene	11.422	178	589402	49.264	ng	99
72) Anthracene	11.475	178	606224	51.800	ng	100
73) Carbazole	11.633	167	573716	50.958	ng	100
74) Di-n-butylphthalate	11.951	149	626735	48.218	ng	100
75) Fluoranthene	12.616	202	642759	49.481	ng	99
77) Benzidine	12.733	184	86215	20.272	ng	99
78) Pyrene	12.845	202	659684	48.774	ng	99
80) Butylbenzylphthalate	13.451	149	230866	47.383	ng	96
81) Benzo(a)anthracene	14.033	228	474747	49.029	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	92607	31.854	ng	100
83) Chrysene	14.069	228	442822	50.014	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	293707	47.739	ng	100
85) Di-n-octyl phthalate	14.633	149	431370	51.305	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	449958	47.187	ng	99
88) Benzo(b)fluoranthene	15.098	252	400514	43.578	ng	100
89) Benzo(k)fluoranthene	15.127	252	407874	50.714	ng	99
90) Benzo(a)pyrene	15.469	252	389547	52.128	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	369027	47.254	ng	99
92) Benzo(g,h,i)perylene	17.492	276	325649	40.864	ng	98

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

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