Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140754.D
Acq On : 05 Dec 2024 17:45
Operator : RC/JU
Sample : P5096-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 06 00:06:28 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	70502	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	271659	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	146467	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	237103	20.000	ng		0.00
76) Chrysene-d12	14.051	240	143094	20.000	ng		0.00
86) Perylene-d12	15.557	264	155027	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	503083	121.750	ng		0.01
7) Phenol-d6	6.516	99	658772	120.594	ng		0.00
23) Nitrobenzene-d5	7.434	82	425957	80.203	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	184319	117.665	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	807033	82.096	ng		-0.01
79) Terphenyl-d14	12.980	244	653423	71.105	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	77442	44.576	ng		97
3) Pyridine	3.463	79	174963	45.772	ng		100
4) n-Nitrosodimethylamine	3.422	42	104821	46.657	ng		98
6) Aniline	6.540	93	157499	40.963	ng	#	74
8) 2-Chlorophenol	6.663	128	234255	52.695	ng		95
9) Benzaldehyde	6.422	77	70913	24.521	ng		99
10) Phenol	6.534	94	295451	52.960	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	230515	53.997	ng		98
12) 1,3-Dichlorobenzene	6.810	146	245013	49.050	ng		99
13) 1,4-Dichlorobenzene	6.887	146	250413	49.510	ng		100
14) 1,2-Dichlorobenzene	7.040	146	239826	50.603	ng		99
15) Benzyl Alcohol	7.016	79	189269	46.720	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	264640	52.473	ng		66
17) 2-Methylphenol	7.140	107	179431	50.422	ng		93
18) Hexachloroethane	7.375	117	93264	49.372	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	168361	52.149	ng		97
20) 3+4-Methylphenols	7.293	107	238741	52.195	ng	#	71
22) Acetophenone	7.281	105	325270	49.113	ng		93
24) Nitrobenzene	7.457	77	254648	46.392	ng		98
25) Isophorone	7.693	82	449932	50.792	ng		100
26) 2-Nitrophenol	7.769	139	125577	51.624	ng		96
27) 2,4-Dimethylphenol	7.810	122	185500m	63.736	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	271268	50.267	ng		99
29) 2,4-Dichlorophenol	8.028	162	199568	51.748	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	209399	47.555	ng		99
31) Naphthalene	8.175	128	685759	49.008	ng		100
32) Benzoic acid	7.951	122	92838	38.355	ng		97
33) 4-Chloroaniline	8.245	127	54758	13.070	ng		99
34) Hexachlorobutadiene	8.281	225	142320	48.797	ng		99
35) Caprolactam	8.604	113	59927m	50.212	ng		
36) 4-Chloro-3-methylphenol	8.728	107	212633	49.244	ng		98
37) 2-Methylnaphthalene	8.863	142	450570	50.696	ng		100
38) 1-Methylnaphthalene	8.963	142	418081	47.991	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	225711	52.640	ng		99
41) Hexachlorocyclopentadiene	9.010	237	142886	142.031	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	138199	51.364	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	142298	48.732	ng	98
46) 1,1'-Biphenyl	9.328	154	561643	51.360	ng	99
47) 2-Chloronaphthalene	9.351	162	417320	50.365	ng	99
48) 2-Nitroaniline	9.457	65	130740	49.157	ng	99
49) Acenaphthylene	9.769	152	667804	53.341	ng	100
50) Dimethylphthalate	9.628	163	511749	53.052	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107188	48.995	ng	94
52) Acenaphthene	9.939	154	402147	50.554	ng	100
53) 3-Nitroaniline	9.875	138	66775	31.208	ng	93
54) 2,4-Dinitrophenol	9.986	184	93004	81.880	ng	98
55) Dibenzofuran	10.116	168	605201	49.878	ng	99
56) 4-Nitrophenol	10.057	139	95097	65.168	ng	94
57) 2,4-Dinitrotoluene	10.104	165	140456	48.307	ng	96
58) Fluorene	10.457	166	478427	49.123	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	118071	52.613	ng	94
60) Diethylphthalate	10.328	149	505897	51.618	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	245624	51.390	ng	98
62) 4-Nitroaniline	10.492	138	94888	42.283	ng	94
63) Azobenzene	10.610	77	535846	57.734	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	71187	58.754	ng	93
66) n-Nitrosodiphenylamine	10.569	169	411705	58.716	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	140872	57.692	ng	97
68) Hexachlorobenzene	11.010	284	152867	54.067	ng	100
69) Atrazine	11.098	200	122907	62.309	ng	99
70) Pentachlorophenol	11.216	266	100561	80.811	ng	99
71) Phenanthrene	11.422	178	624997	54.837	ng	99
72) Anthracene	11.475	178	619652	55.580	ng	99
73) Carbazole	11.633	167	529978	49.414	ng	99
74) Di-n-butylphthalate	11.951	149	691509	55.847	ng	100
75) Fluoranthene	12.616	202	585416	47.308	ng	99
77) Benzidine	12.745	184	55852	13.425	ng	98
78) Pyrene	12.845	202	584760	44.197	ng	99
80) Butylbenzylphthalate	13.457	149	226763	47.577	ng	99
81) Benzo(a)anthracene	14.039	228	509017	53.738	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	116691	41.032	ng	99
83) Chrysene	14.080	228	451854	52.169	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	311848	51.816	ng	99
85) Di-n-octyl phthalate	14.645	149	514209	62.518	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	442711	43.820	ng	99
88) Benzo(b)fluoranthene	15.121	252	505485	51.911	ng	98
89) Benzo(k)fluoranthene	15.151	252	454229	53.306	ng	100
90) Benzo(a)pyrene	15.498	252	449031	56.715	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	371071	44.848	ng	100
92) Benzo(g,h,i)perylene	17.533	276	305879	36.228	ng	99

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

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