Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140949.D
Acq On : 20 Dec 2024 14:36
Operator : RC/JU
Sample : P5306-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 15:07:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	45949	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	175670	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	102157	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	188148	20.000	ng		0.00
76) Chrysene-d12	14.045	240	131096	20.000	ng		0.01
86) Perylene-d12	15.562	264	113765	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	397303	142.339	ng		0.01
7) Phenol-d6	6.504	99	518890	140.353	ng		0.00
23) Nitrobenzene-d5	7.416	82	315005	89.714	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	162262	134.298	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	644674	86.762	ng		0.00
79) Terphenyl-d14	12.963	244	767138	92.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	57585	47.896	ng		98
3) Pyridine	3.481	79	136795	49.130	ng		99
4) n-Nitrosodimethylamine	3.434	42	71728	51.102	ng		96
6) Aniline	6.516	93	130848	41.394	ng	#	70
8) 2-Chlorophenol	6.645	128	172137	56.552	ng		99
9) Benzaldehyde	6.410	77	33958	16.577	ng		99
10) Phenol	6.516	94	224652	58.630	ng		98
11) bis(2-Chloroethyl)ether	6.587	93	152512	53.372	ng		98
12) 1,3-Dichlorobenzene	6.786	146	181700	52.387	ng		97
13) 1,4-Dichlorobenzene	6.869	146	185568	52.708	ng		99
14) 1,2-Dichlorobenzene	7.016	146	176510	53.137	ng		99
15) Benzyl Alcohol	7.004	79	151766	57.414	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	177636	52.770	ng		91
17) 2-Methylphenol	7.122	107	138692	57.071	ng		98
18) Hexachloroethane	7.351	117	66118	50.446	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	119168	53.736	ng		99
20) 3+4-Methylphenols	7.275	107	185300	57.503	ng	#	82
22) Acetophenone	7.263	105	241328	54.917	ng		94
24) Nitrobenzene	7.439	77	180083	50.063	ng		95
25) Isophorone	7.675	82	314395	53.439	ng		99
26) 2-Nitrophenol	7.751	139	94485	57.032	ng		95
27) 2,4-Dimethylphenol	7.792	122	127969	66.141	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	188944	51.420	ng		99
29) 2,4-Dichlorophenol	8.004	162	149408	55.934	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	153263	50.051	ng		98
31) Naphthalene	8.151	128	517245	53.602	ng		99
32) Benzoic acid	7.945	122	71840	39.151	ng		97
33) 4-Chloroaniline	8.210	127	70709	22.062	ng		97
34) Hexachlorobutadiene	8.263	225	100776	48.916	ng		100
35) Caprolactam	8.592	113	46987m	59.086	ng		
36) 4-Chloro-3-methylphenol	8.710	107	163449	54.366	ng		99
37) 2-Methylnaphthalene	8.845	142	343391	53.795	ng		100
38) 1-Methylnaphthalene	8.945	142	318541	50.458	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	169136	53.866	ng		98
41) Hexachlorocyclopentadiene	8.992	237	31402	41.662	ng		100
43) 2,4,6-Trichlorophenol	9.133	196	102644	53.386	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107412	50.828	ng	99
46) 1,1'-Biphenyl	9.304	154	433578	53.374	ng	99
47) 2-Chloronaphthalene	9.333	162	319959	51.486	ng	98
48) 2-Nitroaniline	9.439	65	100764	53.688	ng	94
49) Acenaphthylene	9.751	152	529169	57.943	ng	99
50) Dimethylphthalate	9.604	163	378063	52.492	ng	100
51) 2,6-Dinitrotoluene	9.680	165	84402	51.261	ng	95
52) Acenaphthene	9.922	154	324577	55.638	ng	99
53) 3-Nitroaniline	9.857	138	49243	30.137	ng	93
54) 2,4-Dinitrophenol	9.980	184	79873	97.834	ng	93
55) Dibenzofuran	10.092	168	493268	54.567	ng	100
56) 4-Nitrophenol	10.045	139	72978	82.863	ng	97
57) 2,4-Dinitrotoluene	10.092	165	113633	52.453	ng	99
58) Fluorene	10.439	166	397342	53.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	97009	56.336	ng	91
60) Diethylphthalate	10.304	149	376001	50.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	193903	51.761	ng	98
62) 4-Nitroaniline	10.474	138	88397m	51.770	ng	
63) Azobenzene	10.586	77	404359	57.590	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	64685	60.672	ng	96
66) n-Nitrosodiphenylamine	10.545	169	341229	58.988	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	117531	55.838	ng	96
68) Hexachlorobenzene	10.992	284	133215	55.821	ng	98
69) Atrazine	11.074	200	111739	69.163	ng	99
70) Pentachlorophenol	11.198	266	74523	85.412	ng	98
71) Phenanthrene	11.404	178	569035	58.813	ng	99
72) Anthracene	11.457	178	585440	61.442	ng	100
73) Carbazole	11.616	167	541131	57.981	ng	100
74) Di-n-butylphthalate	11.927	149	577959	52.767	ng	99
75) Fluoranthene	12.598	202	628778	56.429	ng	100
77) Benzidine	12.721	184	132623	49.567	ng	99
78) Pyrene	12.827	202	642867	55.145	ng	100
80) Butylbenzylphthalate	13.433	149	231266	53.914	ng	97
81) Benzo(a)anthracene	14.033	228	508709	54.752	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	84711	30.219	ng	98
83) Chrysene	14.068	228	458342	54.249	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	277592	50.188	ng	99
85) Di-n-octyl phthalate	14.639	149	383542	45.836	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	486592	68.540	ng	99
88) Benzo(b)fluoranthene	15.127	252	420442	53.241	ng	99
89) Benzo(k)fluoranthene	15.151	252	378547	55.882	ng	100
90) Benzo(a)pyrene	15.504	252	372093	60.174	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	395812	67.298	ng	99
92) Benzo(g,h,i)perylene	17.545	276	366040	61.149	ng	99

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

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