Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139649.D
Acq On : 04 Oct 2024 11:19
Operator : RC/JU
Sample : P4242-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 11:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	90984	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	349150	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	193785	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	357779	20.000	ng		0.00
76) Chrysene-d12	14.027	240	197147	20.000	ng		0.00
86) Perylene-d12	15.498	264	213541	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	706705	134.627	ng		0.02
7) Phenol-d6	6.504	99	883029	125.088	ng		0.00
23) Nitrobenzene-d5	7.434	82	650707	94.359	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	254854	136.236	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1170485	92.727	ng		0.00
79) Terphenyl-d14	12.974	244	1108815	92.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	106275	46.827	ng	#	80
3) Pyridine	3.534	79	230897	41.832	ng		98
4) n-Nitrosodimethylamine	3.475	42	177095	49.017	ng		94
6) Aniline	6.534	93	147115	23.485	ng	#	88
8) 2-Chlorophenol	6.657	128	286859	51.006	ng		97
9) Benzaldehyde	6.422	77	43906	11.741	ng		99
10) Phenol	6.522	94	335523	45.202	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	285310	47.208	ng		99
12) 1,3-Dichlorobenzene	6.810	146	291814	46.123	ng		99
13) 1,4-Dichlorobenzene	6.887	146	298677	46.611	ng		99
14) 1,2-Dichlorobenzene	7.034	146	286988	47.787	ng		98
15) Benzyl Alcohol	7.010	79	271332	50.305	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	510961	48.836	ng		91
17) 2-Methylphenol	7.122	107	229567	48.895	ng		99
18) Hexachloroethane	7.375	117	111000	46.441	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	219545	48.374	ng		99
20) 3+4-Methylphenols	7.275	107	284140	48.181	ng		97
22) Acetophenone	7.275	105	397258	47.933	ng		98
24) Nitrobenzene	7.451	77	328763	46.040	ng		100
25) Isophorone	7.687	82	596962	48.739	ng		100
26) 2-Nitrophenol	7.763	139	152349	49.628	ng		97
27) 2,4-Dimethylphenol	7.804	122	224046m	59.617	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	352172	48.151	ng		99
29) 2,4-Dichlorophenol	8.010	162	242948	49.562	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	248756	44.873	ng		99
31) Naphthalene	8.169	128	849329	47.577	ng		100
32) Benzoic acid	7.934	122	177448	47.486	ng		99
33) 4-Chloroaniline	8.216	127	46777	7.741	ng		98
34) Hexachlorobutadiene	8.281	225	163202	45.493	ng		99
35) Caprolactam	8.592	113	70884m	44.088	ng		
36) 4-Chloro-3-methylphenol	8.710	107	265111	47.777	ng		99
37) 2-Methylnaphthalene	8.863	142	552982	47.562	ng		99
38) 1-Methylnaphthalene	8.957	142	513227	45.160	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	257656	47.881	ng		98
41) Hexachlorocyclopentadiene	9.010	237	292481	177.261	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	181913	50.147	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	189923	48.548	ng	99
46) 1,1'-Biphenyl	9.328	154	696707	48.338	ng	100
47) 2-Chloronaphthalene	9.351	162	520390	48.161	ng	99
48) 2-Nitroaniline	9.445	65	195514	50.407	ng	98
49) Acenaphthylene	9.769	152	860296	52.354	ng	100
50) Dimethylphthalate	9.628	163	637211	50.232	ng	99
51) 2,6-Dinitrotoluene	9.692	165	139151	48.560	ng	94
52) Acenaphthene	9.939	154	623007m	55.228	ng	
53) 3-Nitroaniline	9.857	138	55105	18.818	ng	98
54) 2,4-Dinitrophenol	9.969	184	172113	111.669	ng	98
55) Dibenzofuran	10.110	168	775316	49.088	ng	99
56) 4-Nitrophenol	10.028	139	209469	93.801	ng	96
57) 2,4-Dinitrotoluene	10.098	165	187036	49.934	ng	96
58) Fluorene	10.451	166	611604	48.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	165780	52.467	ng	99
60) Diethylphthalate	10.328	149	638499	48.731	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	297931	47.339	ng	97
62) 4-Nitroaniline	10.475	138	138193	46.136	ng	99
63) Azobenzene	10.604	77	646874	49.092	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	107431	53.166	ng	97
66) n-Nitrosodiphenylamine	10.563	169	535543	50.782	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	178195	48.577	ng	98
68) Hexachlorobenzene	10.998	284	195023	47.911	ng	99
69) Atrazine	11.092	200	159152	56.247	ng	100
70) Pentachlorophenol	11.198	266	248044	102.337	ng	98
71) Phenanthrene	11.416	178	856219	50.755	ng	100
72) Anthracene	11.469	178	874643	52.408	ng	100
73) Carbazole	11.622	167	797649	49.763	ng	99
74) Di-n-butylphthalate	11.945	149	979641	50.259	ng	100
75) Fluoranthene	12.604	202	873130	47.347	ng	99
77) Benzidine	12.722	184	49073	14.112	ng	99
78) Pyrene	12.833	202	875573	49.656	ng	99
80) Butylbenzylphthalate	13.445	149	351858	55.788	ng	100
81) Benzo(a)anthracene	14.016	228	679714	52.440	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	135040	34.042	ng	99
83) Chrysene	14.057	228	584797	49.349	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	469313	59.591	ng	100
85) Di-n-octyl phthalate	14.616	149	720218	62.248	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	697756	55.516	ng	99
88) Benzo(b)fluoranthene	15.068	252	678224	49.121	ng	99
89) Benzo(k)fluoranthene	15.098	252	533434	45.545	ng	99
90) Benzo(a)pyrene	15.439	252	582357	53.491	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	569718	54.652	ng	99
92) Benzo(g,h,i)perylene	17.421	276	523132	50.038	ng	98

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

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