Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139693.D
Acq On : 07 Oct 2024 18:28
Operator : RC/JU
Sample : P4290-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 01:12:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	88689	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	336326	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	191822	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	372990	20.000	ng		0.00
76) Chrysene-d12	14.033	240	199606	20.000	ng		0.00
86) Perylene-d12	15.498	264	186804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	506681	99.020	ng		0.00
7) Phenol-d6	6.504	99	691937	100.555	ng		0.00
23) Nitrobenzene-d5	7.428	82	453058	68.203	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	191365	103.344	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	854527	68.389	ng		0.00
79) Terphenyl-d14	12.974	244	945104	77.691	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	105410	47.648	ng		98
3) Pyridine	3.463	79	261444	48.592	ng		97
4) n-Nitrosodimethylamine	3.422	42	174088	49.432	ng		95
6) Aniline	6.528	93	282570	46.276	ng	#	83
8) 2-Chlorophenol	6.651	128	275384	50.232	ng		99
9) Benzaldehyde	6.416	77	90421	24.806	ng		100
10) Phenol	6.516	94	368053	50.867	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	272338	46.227	ng		99
12) 1,3-Dichlorobenzene	6.804	146	289914	47.009	ng		100
13) 1,4-Dichlorobenzene	6.881	146	296158	47.414	ng		99
14) 1,2-Dichlorobenzene	7.034	146	278433	47.562	ng		100
15) Benzyl Alcohol	7.010	79	262787	49.982	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	486146	47.667	ng		94
17) 2-Methylphenol	7.122	107	227331	49.671	ng		99
18) Hexachloroethane	7.375	117	109488	46.994	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	205808	46.521	ng		98
20) 3+4-Methylphenols	7.275	107	281659	48.997	ng		98
22) Acetophenone	7.275	105	377709	47.312	ng		98
24) Nitrobenzene	7.451	77	319963	46.516	ng		99
25) Isophorone	7.686	82	569628	48.280	ng		99
26) 2-Nitrophenol	7.763	139	152222	51.477	ng		99
27) 2,4-Dimethylphenol	7.804	122	217012m	59.947	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	335167	47.573	ng		99
29) 2,4-Dichlorophenol	8.010	162	234894	49.746	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	243552	45.610	ng		100
31) Naphthalene	8.169	128	817568	47.544	ng		99
32) Benzoic acid	7.933	122	167169	46.441	ng		97
33) 4-Chloroaniline	8.222	127	82040	14.095	ng		99
34) Hexachlorobutadiene	8.280	225	153552	44.435	ng		99
35) Caprolactam	8.592	113	80070m	51.701	ng		
36) 4-Chloro-3-methylphenol	8.710	107	264467	49.478	ng		99
37) 2-Methylnaphthalene	8.863	142	537913	48.030	ng		100
38) 1-Methylnaphthalene	8.963	142	502561	45.907	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	250515	47.031	ng		99
41) Hexachlorocyclopentadiene	9.010	237	267284	163.648	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	176957	49.280	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	187255	48.356	ng	98
46) 1,1'-Biphenyl	9.327	154	667055	46.755	ng	100
47) 2-Chloronaphthalene	9.351	162	503080	47.036	ng	99
48) 2-Nitroaniline	9.451	65	195922	51.029	ng	99
49) Acenaphthylene	9.769	152	840132	51.651	ng	100
50) Dimethylphthalate	9.627	163	620042	49.379	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136116	47.987	ng	94
52) Acenaphthene	9.939	154	601828m	53.896	ng	
53) 3-Nitroaniline	9.863	138	90658	31.275	ng	95
54) 2,4-Dinitrophenol	9.975	184	164155	107.595	ng	97
55) Dibenzofuran	10.110	168	770885	49.307	ng	100
56) 4-Nitrophenol	10.033	139	218922	99.037	ng	94
57) 2,4-Dinitrotoluene	10.098	165	186724	50.361	ng	98
58) Fluorene	10.451	166	603541	48.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	161422	51.611	ng	96
60) Diethylphthalate	10.327	149	627365	48.371	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	287898	46.212	ng	97
62) 4-Nitroaniline	10.480	138	145352	49.022	ng	99
63) Azobenzene	10.604	77	743341	56.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	109609	52.032	ng	99
66) n-Nitrosodiphenylamine	10.563	169	534376	48.604	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	176624	46.185	ng	97
68) Hexachlorobenzene	10.998	284	198868	46.863	ng	98
69) Atrazine	11.092	200	174971	59.316	ng	100
70) Pentachlorophenol	11.198	266	226845	89.774	ng	98
71) Phenanthrene	11.416	178	878580	49.957	ng	100
72) Anthracene	11.469	178	902778	51.888	ng	100
73) Carbazole	11.627	167	815557	48.805	ng	99
74) Di-n-butylphthalate	11.951	149	976714	48.065	ng	99
75) Fluoranthene	12.604	202	935405	48.656	ng	99
77) Benzidine	12.727	184	128947	36.624	ng	99
78) Pyrene	12.833	202	933098	52.267	ng	99
80) Butylbenzylphthalate	13.451	149	348360	54.553	ng	97
81) Benzo(a)anthracene	14.021	228	651594	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	139395	34.707	ng	98
83) Chrysene	14.057	228	600279	50.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	429997	53.926	ng	99
85) Di-n-octyl phthalate	14.615	149	613617	52.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	614462	55.886	ng	99
88) Benzo(b)fluoranthene	15.068	252	554425	45.902	ng	99
89) Benzo(k)fluoranthene	15.104	252	488919	47.719	ng	99
90) Benzo(a)pyrene	15.439	252	500149	52.516	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	499603	54.785	ng	99
92) Benzo(g,h,i)perylene	17.427	276	478770	52.349	ng	99

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

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