Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139650.D
Acq On : 04 Oct 2024 11:47
Operator : RC/JU
Sample : P4242-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 12:22:46 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	6.869	152	95221	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	355308	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	201553	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	366474	20.000	ng		0.00
76) Chrysene-d12	14.027	240	196941	20.000	ng		0.00
86) Perylene-d12	15.498	264	212758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	718615	130.805	ng		0.02
7) Phenol-d6	6.504	99	905488	122.562	ng		0.00
23) Nitrobenzene-d5	7.433	82	668512	95.261	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	261240	134.268	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1191480	90.752	ng		0.00
79) Terphenyl-d14	12.974	244	1110204	92.498	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	105828	44.555	ng	#	78
3) Pyridine	3.540	79	237065	41.039	ng		97
4) n-Nitrosodimethylamine	3.481	42	179623	47.504	ng		94
6) Aniline	6.534	93	150839	23.008	ng	#	85
8) 2-Chlorophenol	6.657	128	290990	49.438	ng		97
9) Benzaldehyde	6.422	77	45199	11.549	ng		98
10) Phenol	6.522	94	341118	43.911	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	291246	46.045	ng		99
12) 1,3-Dichlorobenzene	6.810	146	293293	44.294	ng		99
13) 1,4-Dichlorobenzene	6.886	146	303091	45.195	ng		100
14) 1,2-Dichlorobenzene	7.033	146	289437	46.050	ng		99
15) Benzyl Alcohol	7.010	79	279193	49.459	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	524147	47.867	ng		90
17) 2-Methylphenol	7.122	107	237972	48.430	ng		99
18) Hexachloroethane	7.375	117	115216	46.060	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	224935	47.356	ng		99
20) 3+4-Methylphenols	7.275	107	291646	47.254	ng		97
22) Acetophenone	7.275	105	404695	47.984	ng		98
24) Nitrobenzene	7.451	77	338532	46.586	ng		100
25) Isophorone	7.686	82	612041	49.104	ng		99
26) 2-Nitrophenol	7.763	139	156000	49.936	ng		98
27) 2,4-Dimethylphenol	7.804	122	228712m	59.804	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	359907	48.356	ng		99
29) 2,4-Dichlorophenol	8.010	162	250287	50.175	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	254477	45.110	ng		100
31) Naphthalene	8.169	128	860535	47.369	ng		100
32) Benzoic acid	7.933	122	180811	47.547	ng		99
33) 4-Chloroaniline	8.216	127	53016	8.622	ng		98
34) Hexachlorobutadiene	8.280	225	165686	45.385	ng		99
35) Caprolactam	8.592	113	72364m	44.229	ng		
36) 4-Chloro-3-methylphenol	8.710	107	273860	48.498	ng		99
37) 2-Methylnaphthalene	8.863	142	567455	47.961	ng		100
38) 1-Methylnaphthalene	8.963	142	525759	45.461	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	262879	46.969	ng		99
41) Hexachlorocyclopentadiene	9.010	237	298267	173.801	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	183317	48.587	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	197240	48.475	ng	98
46) 1,1'-Biphenyl	9.327	154	705272	47.047	ng	99
47) 2-Chloronaphthalene	9.351	162	526350	46.836	ng	99
48) 2-Nitroaniline	9.445	65	200445	49.686	ng	98
49) Acenaphthylene	9.769	152	874273	51.154	ng	100
50) Dimethylphthalate	9.627	163	651283	49.363	ng	100
51) 2,6-Dinitrotoluene	9.692	165	140697	47.207	ng	95
52) Acenaphthene	9.939	154	631656m	53.836	ng	
53) 3-Nitroaniline	9.857	138	58728	19.282	ng	98
54) 2,4-Dinitrophenol	9.969	184	174641	108.942	ng	99
55) Dibenzofuran	10.110	168	794683	48.375	ng	100
56) 4-Nitrophenol	10.027	139	210435	90.601	ng	97
57) 2,4-Dinitrotoluene	10.098	165	189024	48.520	ng	96
58) Fluorene	10.451	166	618662	47.283	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	169658	51.625	ng	98
60) Diethylphthalate	10.327	149	650450	47.730	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	301216	46.016	ng	98
62) 4-Nitroaniline	10.474	138	139434	44.756	ng	100
63) Azobenzene	10.604	77	653038	47.650	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	110238	53.261	ng	97
66) n-Nitrosodiphenylamine	10.563	169	546503	50.591	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	179963	47.895	ng	98
68) Hexachlorobenzene	10.998	284	198640	47.641	ng	99
69) Atrazine	11.092	200	161998	55.894	ng	99
70) Pentachlorophenol	11.198	266	249208	100.378	ng	99
71) Phenanthrene	11.416	178	868121	50.240	ng	100
72) Anthracene	11.468	178	878301	51.379	ng	100
73) Carbazole	11.621	167	800834	48.776	ng	100
74) Di-n-butylphthalate	11.951	149	993175	49.744	ng	100
75) Fluoranthene	12.604	202	868683	45.989	ng	99
77) Benzidine	12.721	184	50633	14.576	ng	98
78) Pyrene	12.833	202	870103	49.398	ng	100
80) Butylbenzylphthalate	13.445	149	347016	55.078	ng	100
81) Benzo(a)anthracene	14.015	228	658381	50.848	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	133930	33.798	ng	99
83) Chrysene	14.057	228	576168	48.672	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	457252	58.120	ng	100
85) Di-n-octyl phthalate	14.615	149	698502	60.434	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	687466	54.899	ng	100
88) Benzo(b)fluoranthene	15.068	252	654085	47.547	ng	98
89) Benzo(k)fluoranthene	15.098	252	516365	44.250	ng	99
90) Benzo(a)pyrene	15.439	252	568581	52.418	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	559665	53.885	ng	99
92) Benzo(g,h,i)perylene	17.421	276	506063	48.583	ng	100

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

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