Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139561.D
Acq On : 26 Sep 2024 22:21
Operator : RC/JU
Sample : P4190-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 01:09:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	63565	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	235838	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	128778	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	255931	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	131459	20.000	ng	#	0.00
86) Perylene-d12	15.510	264	139714	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	352129	90.371	ng		0.00
7) Phenol-d6	6.510	99	482389	94.320	ng		0.00
23) Nitrobenzene-d5	7.440	82	299007	59.603	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	124549	90.846	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	562981	61.314	ng		0.00
79) Terphenyl-d14	12.980	244	603902	75.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	91031	58.231	ng		95
3) Pyridine	3.469	79	232481	67.451	ng		96
4) n-Nitrosodimethylamine	3.428	42	156086	52.248	ng	#	77
6) Aniline	6.540	93	285832	74.057	ng		94
8) 2-Chlorophenol	6.663	128	236850	59.051	ng		99
9) Benzaldehyde	6.428	77	38819	13.137	ng		95
10) Phenol	6.522	94	322445	61.902	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	228209	57.642	ng		100
12) 1,3-Dichlorobenzene	6.816	146	249127	54.615	ng		99
13) 1,4-Dichlorobenzene	6.893	146	252524	54.782	ng		99
14) 1,2-Dichlorobenzene	7.045	146	240042	55.110	ng		98
15) Benzyl Alcohol	7.016	79	228155	55.915	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	410274	67.242	ng		99
17) 2-Methylphenol	7.134	107	192553	60.424	ng		97
18) Hexachloroethane	7.387	117	93892	53.477	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	176198	58.137	ng		98
20) 3+4-Methylphenols	7.287	107	241645	55.580	ng	#	87
22) Acetophenone	7.287	105	328527	53.285	ng		97
24) Nitrobenzene	7.457	77	275087	53.279	ng		98
25) Isophorone	7.698	82	477829	60.227	ng		99
26) 2-Nitrophenol	7.775	139	127689	63.478	ng		89
27) 2,4-Dimethylphenol	7.810	122	192499	72.548	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	272495	60.264	ng		98
29) 2,4-Dichlorophenol	8.016	162	198619	58.923	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	208277	53.029	ng		99
31) Naphthalene	8.181	128	698850	56.761	ng		99
32) Benzoic acid	7.934	122	120153	48.388	ng		88
33) 4-Chloroaniline	8.228	127	142028	37.707	ng		98
34) Hexachlorobutadiene	8.292	225	129061	48.367	ng		99
35) Caprolactam	8.598	113	68480m	66.042	ng		
36) 4-Chloro-3-methylphenol	8.716	107	219796	57.054	ng		94
37) 2-Methylnaphthalene	8.869	142	450756	57.679	ng		98
38) 1-Methylnaphthalene	8.969	142	419653	54.696	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	212784	55.753	ng		98
41) Hexachlorocyclopentadiene	9.022	237	228523	171.488	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	146964	59.187	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	152946	58.394	ng		96
46) 1,1'-Biphenyl	9.334	154	563709	56.899	ng		99
47) 2-Chloronaphthalene	9.363	162	421337	56.879	ng		99
48) 2-Nitroaniline	9.457	65	169811	61.632	ng		99
49) Acenaphthylene	9.775	152	709488	63.627	ng		99
50) Dimethylphthalate	9.639	163	498933	59.030	ng		99
51) 2,6-Dinitrotoluene	9.698	165	113550	60.643	ng		93
52) Acenaphthene	9.951	154	500175m	64.270	ng		
53) 3-Nitroaniline	9.869	138	96998	51.835	ng		91
54) 2,4-Dinitrophenol	9.981	184	125400	120.188	ng	#	86
55) Dibenzofuran	10.122	168	646862	59.634	ng		94
56) 4-Nitrophenol	10.034	139	188415	121.684	ng	#	83
57) 2,4-Dinitrotoluene	10.104	165	158929	62.869	ng		96
58) Fluorene	10.463	166	509501	57.569	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	133562	61.644	ng		95
60) Diethylphthalate	10.334	149	499895	57.312	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	236695	55.030	ng		95
62) 4-Nitroaniline	10.486	138	129310	63.316	ng	#	86
63) Azobenzene	10.616	77	515786	60.122	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	85646	63.406	ng		94
66) n-Nitrosodiphenylamine	10.575	169	442088	59.083	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	143122	56.432	ng		97
68) Hexachlorobenzene	11.010	284	163345	54.877	ng		99
69) Atrazine	11.104	200	140593	78.925	ng		99
70) Pentachlorophenol	11.210	266	182941	102.427	ng		98
71) Phenanthrene	11.428	178	745640	60.387	ng		100
72) Anthracene	11.480	178	764375	63.315	ng		99
73) Carbazole	11.633	167	712446	61.659	ng		99
74) Di-n-butylphthalate	11.957	149	763370	59.307	ng		99
75) Fluoranthene	12.616	202	788764	59.817	ng		98
77) Benzidine	12.733	184	283946	150.761	ng		99
78) Pyrene	12.845	202	799228	70.806	ng		100
80) Butylbenzylphthalate	13.457	149	255755	66.567	ng		98
81) Benzo(a)anthracene	14.027	228	533175	61.229	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	134626	52.793	ng		98
83) Chrysene	14.063	228	495072	61.797	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	277281	56.732	ng		98
85) Di-n-octyl phthalate	14.627	149	401952	55.842	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	564957	68.003	ng	#	96
88) Benzo(b)fluoranthene	15.080	252	530619	61.581	ng		99
89) Benzo(k)fluoranthene	15.110	252	420048	52.871	ng	#	98
90) Benzo(a)pyrene	15.451	252	466962	65.344	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	458745	66.824	ng		98
92) Benzo(g,h,i)perylene	17.445	276	415034	61.060	ng	#	96

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

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