Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139537.D
Acq On : 25 Sep 2024 19:18
Operator : RC/JU
Sample : P4148-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 05:06:10 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	6.881	152	62404	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	241477	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	134253	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	248273	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	116771	20.000	ng	#	0.00
86) Perylene-d12	15.510	264	122873	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	622582	162.754	ng		0.02
7) Phenol-d6	6.516	99	782733	155.893	ng		0.01
23) Nitrobenzene-d5	7.445	82	601284	117.060	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	244411	171.002	ng		0.01
45) 2-Fluorobiphenyl	9.234	172	1099870	114.902	ng		0.00
79) Terphenyl-d14	12.986	244	1034141	145.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	86492	56.357	ng	#	76
3) Pyridine	3.540	79	221734	65.530	ng		96
4) n-Nitrosodimethylamine	3.475	42	162382	55.367	ng	#	82
6) Aniline	6.545	93	263479	69.535	ng	#	86
8) 2-Chlorophenol	6.669	128	252008	63.999	ng		98
9) Benzaldehyde	6.428	77	17689	6.098	ng		96
10) Phenol	6.534	94	304083	59.463	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	262715	67.592	ng		99
12) 1,3-Dichlorobenzene	6.822	146	255193	56.985	ng		98
13) 1,4-Dichlorobenzene	6.898	146	260587	57.583	ng		99
14) 1,2-Dichlorobenzene	7.045	146	251835	58.893	ng		97
15) Benzyl Alcohol	7.022	79	254782	63.603	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	449819	75.095	ng		88
17) 2-Methylphenol	7.134	107	203415	65.020	ng		99
18) Hexachloroethane	7.387	117	98487	57.138	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	203792	68.493	ng		96
20) 3+4-Methylphenols	7.287	107	259629	60.828	ng	#	85
22) Acetophenone	7.287	105	364352	57.715	ng		99
24) Nitrobenzene	7.463	77	305847	57.853	ng		98
25) Isophorone	7.698	82	547070	67.344	ng		99
26) 2-Nitrophenol	7.775	139	138891	67.435	ng		91
27) 2,4-Dimethylphenol	7.816	122	214489m	78.948	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	314892	68.014	ng		98
29) 2,4-Dichlorophenol	8.022	162	223042	64.623	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	227685	56.617	ng		99
31) Naphthalene	8.181	128	762239	60.464	ng		99
32) Benzoic acid	7.940	122	148771	58.514	ng		91
33) 4-Chloroaniline	8.234	127	139212	36.097	ng		97
34) Hexachlorobutadiene	8.292	225	150693	55.155	ng		99
35) Caprolactam	8.610	113	65517m	61.709	ng		
36) 4-Chloro-3-methylphenol	8.722	107	251815	63.839	ng		94
37) 2-Methylnaphthalene	8.875	142	512620	64.063	ng		99
38) 1-Methylnaphthalene	8.969	142	478139	60.864	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	240292	60.393	ng		99
41) Hexachlorocyclopentadiene	9.022	237	265367	191.015	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	171286	66.169	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	177565	65.029	ng		98
46) 1,1'-Biphenyl	9.339	154	649766	62.910	ng		99
47) 2-Chloronaphthalene	9.363	162	485438	62.860	ng		100
48) 2-Nitroaniline	9.463	65	193155	67.246	ng		98
49) Acenaphthylene	9.781	152	804426	69.199	ng		100
50) Dimethylphthalate	9.639	163	609359	69.154	ng		100
51) 2,6-Dinitrotoluene	9.704	165	131415	67.322	ng		92
52) Acenaphthene	9.951	154	560954	69.140	ng		100
53) 3-Nitroaniline	9.875	138	107340	55.023	ng		92
54) 2,4-Dinitrophenol	9.981	184	117278	107.820	ng	#	87
55) Dibenzofuran	10.122	168	734431	64.946	ng		96
56) 4-Nitrophenol	10.039	139	184783	114.472	ng	#	80
57) 2,4-Dinitrotoluene	10.104	165	181747	68.963	ng		100
58) Fluorene	10.463	166	592598	64.227	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	152602	67.559	ng		99
60) Diethylphthalate	10.339	149	623954	68.617	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	283153	63.147	ng		96
62) 4-Nitroaniline	10.486	138	133853	62.868	ng		89
63) Azobenzene	10.616	77	619078	69.220	ng		95
65) 4,6-Dinitro-2-methylph...	10.516	198	81748	62.386	ng		91
66) n-Nitrosodiphenylamine	10.575	169	512068	70.546	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	172977	70.307	ng		98
68) Hexachlorobenzene	11.010	284	188205	65.179	ng		100
69) Atrazine	11.104	200	164679	95.297	ng		99
70) Pentachlorophenol	11.210	266	204085	117.790	ng		99
71) Phenanthrene	11.428	178	821295	68.566	ng		99
72) Anthracene	11.480	178	840087	71.733	ng		99
73) Carbazole	11.633	167	730994	65.216	ng		99
74) Di-n-butylphthalate	11.957	149	933881	74.792	ng		99
75) Fluoranthene	12.616	202	799895	62.533	ng		99
77) Benzidine	12.733	184	322922	193.021	ng		100
78) Pyrene	12.845	202	788055	78.598	ng		100
80) Butylbenzylphthalate	13.457	149	275554	80.742	ng		99
81) Benzo(a)anthracene	14.027	228	542529	70.141	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	150968	66.648	ng		98
83) Chrysene	14.069	228	504649	70.916	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	337242	77.679	ng		99
85) Di-n-octyl phthalate	14.627	149	517279	80.904	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	467294	63.957	ng		97
88) Benzo(b)fluoranthene	15.080	252	564393	74.478	ng		99
89) Benzo(k)fluoranthene	15.110	252	432678	61.925	ng	#	99
90) Benzo(a)pyrene	15.451	252	474801	75.547	ng		98
91) Dibenzo(a,h)anthracene	17.010	278	381713	63.224	ng		98
92) Benzo(g,h,i)perylene	17.433	276	324172	54.229	ng	#	96

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

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