Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139348.D
Acq On : 13 Sep 2024 15:57
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 14 02:15:37 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 02:10:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50923	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	189834	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105260	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	208290	20.000	ng	0.00
76) Chrysene-d12	14.027	240	135891	20.000	ng	0.00
86) Perylene-d12	15.498	264	113195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	128561	42.233	ng	0.00
7) Phenol-d6	6.498	99	171089	42.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	164789	45.159	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	46306	50.945	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	310200	45.491	ng	0.00
79) Terphenyl-d14	12.974	244	348294	41.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	26506	18.698	ng	95
3) Pyridine	3.410	79	60091	17.561	ng	99
4) n-Nitrosodimethylamine	3.357	42	49561	22.304	ng	99
6) Aniline	6.540	93	64899	17.367	ng	97
8) 2-Chlorophenol	6.657	128	66453	21.064	ng	97
9) Benzaldehyde	6.428	77	51506	20.939	ng	99
10) Phenol	6.516	94	87023	20.302	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	60612	19.738	ng	99
12) 1,3-Dichlorobenzene	6.816	146	75121	21.037	ng	98
13) 1,4-Dichlorobenzene	6.892	146	77764	21.758	ng	98
14) 1,2-Dichlorobenzene	7.045	146	71860	21.557	ng	99
15) Benzyl Alcohol	7.016	79	67807	22.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	104227	17.829	ng	99
17) 2-Methylphenol	7.122	107	54852	21.285	ng	96
18) Hexachloroethane	7.392	117	28758	22.529	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	52195	22.301	ng	97
20) 3+4-Methylphenols	7.275	107	71930	22.147	ng	97
22) Acetophenone	7.287	105	101503	22.444	ng	94
24) Nitrobenzene	7.457	77	83852	21.650	ng	99
25) Isophorone	7.692	82	132546	21.246	ng	99
26) 2-Nitrophenol	7.775	139	32132	21.123	ng	99
27) 2,4-Dimethylphenol	7.804	122	43771	20.176	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	73765	19.846	ng	99
29) 2,4-Dichlorophenol	8.010	162	54056	20.810	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	63736	21.484	ng	98
31) Naphthalene	8.181	128	198468	20.645	ng	100
32) Benzoic acid	7.892	122	41479	20.990	ng	97
33) 4-Chloroaniline	8.228	127	63412	19.050	ng	99
34) Hexachlorobutadiene	8.298	225	43255	23.009	ng	98
35) Caprolactam	8.581	113	16927	21.049	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	63754	22.523	ng	98
37) 2-Methylnaphthalene	8.869	142	129773	21.576	ng	99
38) 1-Methylnaphthalene	8.969	142	127098	21.486	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	63941	21.471	ng	100
41) Hexachlorocyclopentadiene	9.022	237	23604	24.662	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	40837	20.958	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	44874	21.977	ng		98
46) 1,1'-Biphenyl	9.333	154	164874	21.141	ng		99
47) 2-Chloronaphthalene	9.357	162	124318	21.111	ng		99
48) 2-Nitroaniline	9.451	65	45879	22.619	ng		97
49) Acenaphthylene	9.775	152	189337	21.347	ng		99
50) Dimethylphthalate	9.628	163	142488	22.334	ng		99
51) 2,6-Dinitrotoluene	9.692	165	31924	22.057	ng		99
52) Acenaphthene	9.945	154	131194	22.302	ng		99
53) 3-Nitroaniline	9.857	138	32773	21.253	ng		99
54) 2,4-Dinitrophenol	9.963	184	15677	25.295	ng	#	78
55) Dibenzofuran	10.116	168	182945	21.691	ng		99
56) 4-Nitrophenol	10.010	139	25626	22.515	ng		99
57) 2,4-Dinitrotoluene	10.092	165	41181	22.355	ng		95
58) Fluorene	10.457	166	149842	22.915	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	38272	23.811	ng		97
60) Diethylphthalate	10.328	149	147877	23.553	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	72779	23.079	ng		99
62) 4-Nitroaniline	10.469	138	36226	24.679	ng		98
63) Azobenzene	10.610	77	144713	21.869	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	21797	22.648	ng		97
66) n-Nitrosodiphenylamine	10.569	169	123420	20.356	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	41859	20.713	ng		97
68) Hexachlorobenzene	11.004	284	47538	20.548	ng		98
69) Atrazine	11.092	200	29971	21.426	ng		98
70) Pentachlorophenol	11.198	266	29804	22.302	ng		100
71) Phenanthrene	11.422	178	206521	21.224	ng		99
72) Anthracene	11.469	178	202170	21.269	ng		99
73) Carbazole	11.627	167	199586	22.466	ng		100
74) Di-n-butylphthalate	11.957	149	223465	24.566	ng		100
75) Fluoranthene	12.604	202	236740	24.268	ng		100
77) Benzidine	12.727	184	35663	13.034	ng		97
78) Pyrene	12.833	202	243332	18.536	ng		99
80) Butylbenzylphthalate	13.451	149	85593	27.698	ng		99
81) Benzo(a)anthracene	14.021	228	190760	21.984	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	53835	23.362	ng		99
83) Chrysene	14.057	228	163920	20.240	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	110906	30.577	ng		99
85) Di-n-octyl phthalate	14.621	149	146208	21.054	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	133029	18.812	ng		99
88) Benzo(b)fluoranthene	15.063	252	150795	23.132	ng		99
89) Benzo(k)fluoranthene	15.092	252	125290	21.436	ng		99
90) Benzo(a)pyrene	15.433	252	116755	21.093	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	110187	18.908	ng		98
92) Benzo(g,h,i)perylene	17.404	276	110255	18.329	ng		99

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

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