Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139350.D
Acq On : 13 Sep 2024 17:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 02:50:33 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 02:45:19 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	218122	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118314	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	224385	20.000	ng	0.00
76) Chrysene-d12	14.033	240	119656	20.000	ng	0.00
86) Perylene-d12	15.498	264	123129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	356372	95.736	ng	0.00
7) Phenol-d6	6.510	99	462024	94.562	ng	0.00
23) Nitrobenzene-d5	7.445	82	445436	96.004	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	120422	95.604	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	803022	95.192	ng	0.00
79) Terphenyl-d14	12.980	244	741072	101.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	67895	45.462	ng	99
3) Pyridine	3.404	79	152055	46.179	ng	99
4) n-Nitrosodimethylamine	3.375	42	137378	48.135	ng	100
6) Aniline	6.581	93	167082m	50.727	ng	
8) 2-Chlorophenol	6.663	128	182644	47.665	ng	97
9) Benzaldehyde	6.428	77	115581	43.191	ng	99
10) Phenol	6.528	94	231412	46.503	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	171147	45.250	ng	98
12) 1,3-Dichlorobenzene	6.822	146	205651	47.192	ng	100
13) 1,4-Dichlorobenzene	6.898	146	209000	47.460	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197506	47.464	ng	100
15) Benzyl Alcohol	7.022	79	185255	47.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	271832	46.635	ng	100
17) 2-Methylphenol	7.133	107	144596	47.496	ng	99
18) Hexachloroethane	7.392	117	80677	48.099	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	138502	47.836	ng	99
20) 3+4-Methylphenols	7.286	107	198277	47.737	ng	95
22) Acetophenone	7.292	105	273758	48.008	ng	97
24) Nitrobenzene	7.469	77	230160	48.198	ng	99
25) Isophorone	7.704	82	352840	48.085	ng	100
26) 2-Nitrophenol	7.781	139	92210	49.564	ng	98
27) 2,4-Dimethylphenol	7.816	122	119187	48.567	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	198334	47.425	ng	99
29) 2,4-Dichlorophenol	8.016	162	148165	47.525	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	172156	47.393	ng	99
31) Naphthalene	8.186	128	546863	48.024	ng	100
32) Benzoic acid	7.939	122	120521	52.273	ng	97
33) 4-Chloroaniline	8.239	127	166581	47.818	ng	99
34) Hexachlorobutadiene	8.298	225	120140	48.681	ng	98
35) Caprolactam	8.610	113	45162	47.092	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	172036	48.284	ng	99
37) 2-Methylnaphthalene	8.875	142	344052	47.601	ng	100
38) 1-Methylnaphthalene	8.975	142	336046	47.357	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	168182	47.964	ng	100
41) Hexachlorocyclopentadiene	9.027	237	61220	50.004	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	109327	47.923	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	118193	49.117	ng		99
46) 1,1'-Biphenyl	9.339	154	437548	48.070	ng		99
47) 2-Chloronaphthalene	9.363	162	330109	48.505	ng		99
48) 2-Nitroaniline	9.457	65	126535	49.987	ng		97
49) Acenaphthylene	9.780	152	497184	48.531	ng		99
50) Dimethylphthalate	9.639	163	370588	47.723	ng		100
51) 2,6-Dinitrotoluene	9.698	165	85910	49.939	ng		96
52) Acenaphthene	9.951	154	345749	48.356	ng		99
53) 3-Nitroaniline	9.869	138	83924	48.815	ng		96
54) 2,4-Dinitrophenol	9.969	184	51497	57.104	ng	#	87
55) Dibenzofuran	10.122	168	473142	47.477	ng		99
56) 4-Nitrophenol	10.022	139	72103	50.685	ng		94
57) 2,4-Dinitrotoluene	10.104	165	114884	49.465	ng		98
58) Fluorene	10.463	166	391850	48.191	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95986	48.219	ng		98
60) Diethylphthalate	10.333	149	387175	48.314	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	189920	48.061	ng		96
62) 4-Nitroaniline	10.486	138	90703	48.340	ng		99
63) Azobenzene	10.616	77	378482	48.019	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	63136	53.312	ng		99
66) n-Nitrosodiphenylamine	10.574	169	313904	47.849	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	107298	48.254	ng		98
68) Hexachlorobenzene	11.010	284	124911	47.865	ng		98
69) Atrazine	11.098	200	79000	50.583	ng		98
70) Pentachlorophenol	11.198	266	77067	49.215	ng		98
71) Phenanthrene	11.421	178	526376	48.623	ng		100
72) Anthracene	11.474	178	511970	48.370	ng		100
73) Carbazole	11.627	167	494354	48.799	ng		100
74) Di-n-butylphthalate	11.957	149	556151	49.283	ng		100
75) Fluoranthene	12.610	202	537080	46.457	ng		99
77) Benzidine	12.727	184	80463	46.936	ng		100
78) Pyrene	12.839	202	530780	51.662	ng		99
80) Butylbenzylphthalate	13.457	149	174982	50.037	ng		96
81) Benzo(a)anthracene	14.021	228	377584	47.639	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	109919	47.356	ng		98
83) Chrysene	14.062	228	354515	48.617	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	217495	48.889	ng		99
85) Di-n-octyl phthalate	14.621	149	330088	50.382	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	388214	53.023	ng		100
88) Benzo(b)fluoranthene	15.068	252	365162	48.087	ng		99
89) Benzo(k)fluoranthene	15.104	252	316496	45.203	ng		99
90) Benzo(a)pyrene	15.439	252	305466	48.503	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	321341	53.114	ng		99
92) Benzo(g,h,i)perylene	17.421	276	317487	53.000	ng		99

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

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