Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
Data File : BF137443.D
Acq On : 29 Feb 2024 14:41
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 01 03:30:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 03:22:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	211004	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	833843	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	463807	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	794722	20.000	ng	0.00
76) Chrysene-d12	13.986	240	399789	20.000	ng	0.00
86) Perylene-d12	15.486	264	384521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1164780	83.591	ng	0.00
7) Phenol-d6	6.446	99	1623482	80.715	ng	0.00
23) Nitrobenzene-d5	7.369	82	1469412	81.880	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	325535	79.925	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2299816	77.619	ng	0.00
79) Terphenyl-d14	12.927	244	2383259	81.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	313122	41.097	ng	100
3) Pyridine	3.328	79	806165	43.872	ng	100
4) n-Nitrosodimethylamine	3.305	42	295573	40.364	ng	100
6) Aniline	6.469	93	1039027	42.276	ng	100
8) 2-Chlorophenol	6.593	128	598023	40.690	ng	100
9) Benzaldehyde	6.357	77	422597	42.886	ng	100
10) Phenol	6.457	94	896879	41.428	ng	100
11) bis(2-Chloroethyl)ether	6.546	93	665634	41.958	ng	100
12) 1,3-Dichlorobenzene	6.740	146	635170	40.444	ng	100
13) 1,4-Dichlorobenzene	6.822	146	651450	40.634	ng	100
14) 1,2-Dichlorobenzene	6.969	146	590281	40.021	ng	100
15) Benzyl Alcohol	6.945	79	536863	42.874	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1095545	40.175	ng	100
17) 2-Methylphenol	7.057	107	559342	40.672	ng	100
18) Hexachloroethane	7.310	117	216621	40.942	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	490012	39.453	ng	100
20) 3+4-Methylphenols	7.210	107	636790	40.430	ng	100
22) Acetophenone	7.216	105	800623	39.684	ng	100
24) Nitrobenzene	7.387	77	733185	40.670	ng	100
25) Isophorone	7.622	82	1367897	40.121	ng	100
26) 2-Nitrophenol	7.698	139	297397	41.552	ng	100
27) 2,4-Dimethylphenol	7.740	122	544661	40.727	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	813247	40.654	ng	100
29) 2,4-Dichlorophenol	7.940	162	504360	41.092	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	517257	40.047	ng	100
31) Naphthalene	8.104	128	1764108	39.431	ng	100
32) Benzoic acid	7.869	122	275789	36.976	ng	100
33) 4-Chloroaniline	8.157	127	739734	42.167	ng	100
34) Hexachlorobutadiene	8.216	225	306994	40.259	ng	100
35) Caprolactam	8.534	113	170362	40.921	ng	100
36) 4-Chloro-3-methylphenol	8.640	107	559595	40.788	ng	100
37) 2-Methylnaphthalene	8.792	142	1139942	39.969	ng	100
38) 1-Methylnaphthalene	8.892	142	1059221	39.437	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	522421	40.347	ng	100
41) Hexachlorocyclopentadiene	8.945	237	176465	38.196	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	347501	41.212	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	397432	40.916	ng	100
46) 1,1'-Biphenyl	9.263	154	1359299	40.042	ng	100
47) 2-Chloronaphthalene	9.287	162	1040431	40.200	ng	100
48) 2-Nitroaniline	9.386	65	373282	42.433	ng	100
49) Acenaphthylene	9.698	152	1667397	40.257	ng	100
50) Dimethylphthalate	9.569	163	1278644	39.603	ng	100
51) 2,6-Dinitrotoluene	9.628	165	278404	41.227	ng	100
52) Acenaphthene	9.875	154	980753	39.662	ng	100
53) 3-Nitroaniline	9.798	138	305425	42.759	ng	100
54) 2,4-Dinitrophenol	9.904	184	113175	39.053	ng	100
55) Dibenzofuran	10.045	168	1497972	39.774	ng	100
56) 4-Nitrophenol	9.963	139	191449	40.068	ng	100
57) 2,4-Dinitrotoluene	10.034	165	350729	42.274	ng	100
58) Fluorene	10.386	166	1122973	38.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	316200m	40.685	ng	
60) Diethylphthalate	10.269	149	1216114	39.887	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	546105	38.525	ng	100
62) 4-Nitroaniline	10.416	138	253486	41.280	ng	100
63) Azobenzene	10.545	77	1413626	40.266	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	186377	42.078	ng	100
66) n-Nitrosodiphenylamine	10.504	169	1010712	39.495	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	351163	40.569	ng	100
68) Hexachlorobenzene	10.933	284	345261	39.492	ng	100
69) Atrazine	11.039	200	312634	40.186	ng	100
70) Pentachlorophenol	11.133	266	220525	41.459	ng	100
71) Phenanthrene	11.357	178	1682299	38.897	ng	100
72) Anthracene	11.404	178	1729396	38.932	ng	100
73) Carbazole	11.563	167	1513206	39.770	ng	100
74) Di-n-butylphthalate	11.904	149	1811893	40.024	ng	100
75) Fluoranthene	12.545	202	1637659	38.737	ng	100
77) Benzidine	12.680	184	453808	46.384	ng	100
78) Pyrene	12.780	202	1649970	42.061	ng	100
80) Butylbenzylphthalate	13.410	149	421649	42.088	ng	100
81) Benzo(a)anthracene	13.974	228	1131969	40.397	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	333144	44.646	ng	100
83) Chrysene	14.010	228	1157066	40.856	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	541616	42.534	ng	100
85) Di-n-octyl phthalate	14.598	149	956325	40.023	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	1070760	42.316	ng	100
88) Benzo(b)fluoranthene	15.039	252	922543	40.559	ng	100
89) Benzo(k)fluoranthene	15.074	252	947040	38.763	ng	100
90) Benzo(a)pyrene	15.421	252	930583	41.516	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	871986	42.480	ng	100
92) Benzo(g,h,i)perylene	17.533	276	893656	42.392	ng	100

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

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